

MASSEY FERGUSON
LAWN & GARDEN EQUIPMENT

PARTS MANUAL

2300 SERIES FRONT CUT

16 HP Hydro
Mfg. No. 1692512

42" Mower Deck
Mfg. No. 1692119

48" Mower Deck
Mfg. No. 1692120



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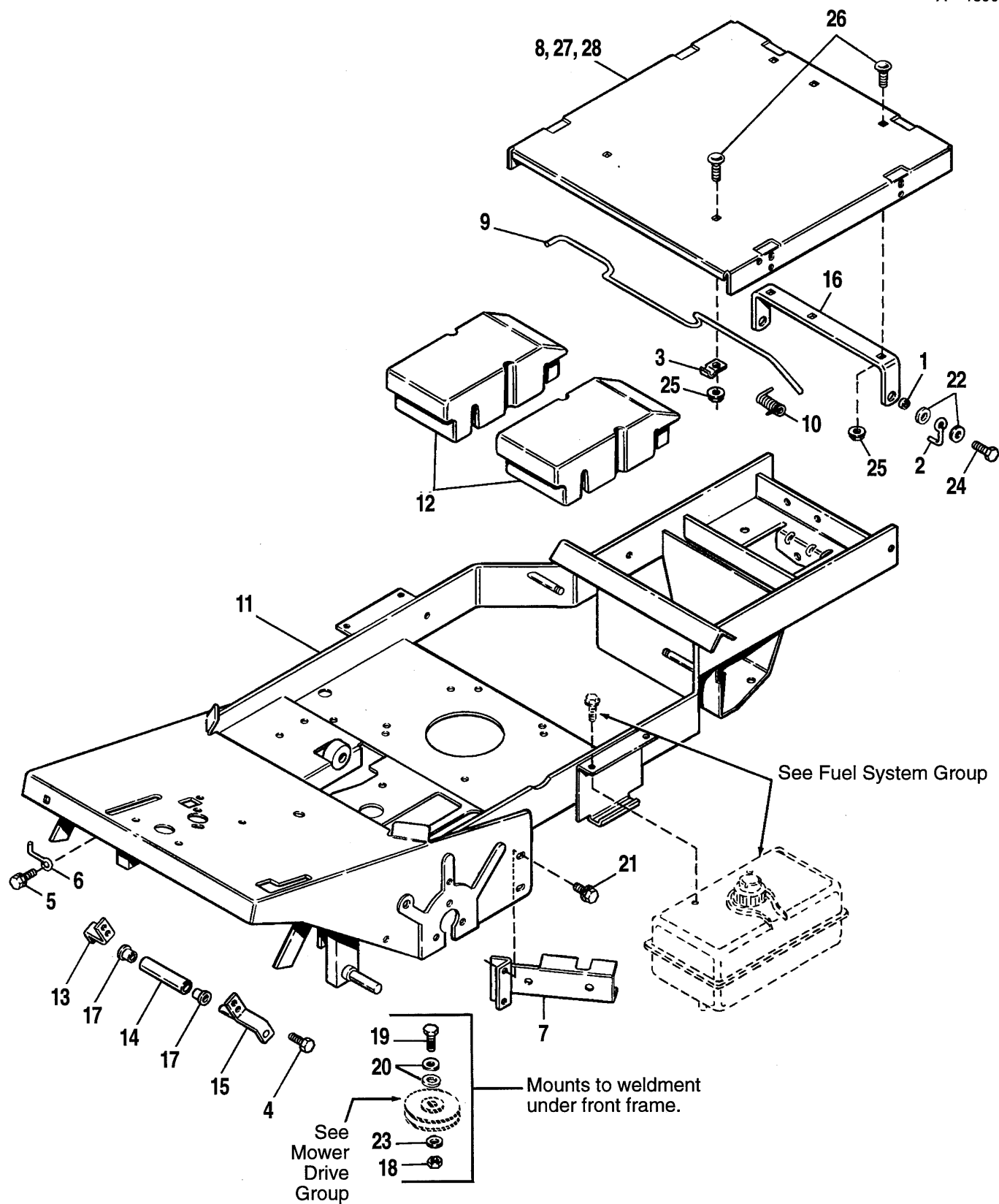
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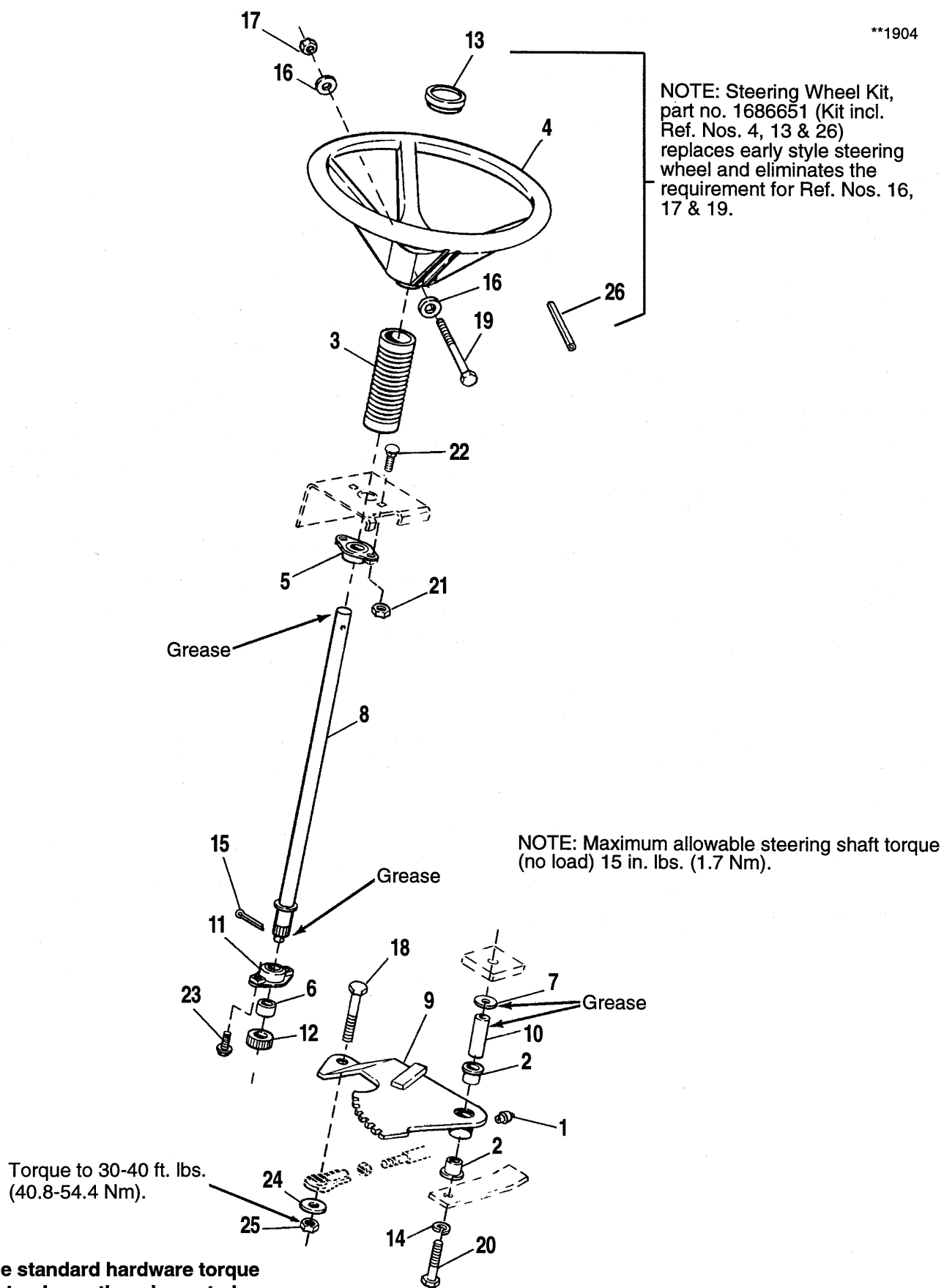
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models

Frame

Ref. No.	Part No.	Qty.	Description
1	108717	2	SPACER
2	170397	2	STOP, Pivot
3	1664004	2	CLIP
4	1664847	2	SCREW, Taptite, 5/16-18 x 3/4
5	1664847	1	SCREW, Taptite, 5/16 x 3/4
6	1678424	1	RETAINER, Cable
7	1703180	2	SUPPORT ASSY., Gas Tank
8	1703308	1	PLATFORM, Orange
9	1703309	1	ROD, Latch
10	1703310	1	SPRING, Torsion
11	1703360	1	FRAME ASSY.
12	1703522	2	WEIGHT, Rear
13	1703774	1	BRACKET, Roller, Front
14	1703775	1	TUBE, Pivot
15	1703777	1	BRACKET ASSY.
16	1704173	1	BRACKET, Pivot
17	1704505	2	BUSHING, Flanged
18	1919439	1	NUT, Hex, Flange Lock, 3/8-16
19	1921971	1	CAPSCREW, Hex Hd., 3/8-16 x 1-1/2
20	1922755	2	WASHER, Plain, 3/8
21	1924856	4	SCREW, Taptite, 5/16-18 x 1/2
22	1924940	4	WASHER, Plain
23	1924940	1	WASHER, Plain
24	1928635	2	SCREW, Taptite, 5/16-18 x 1-1/4
25	1931277	4	NUT, Hex, Whizlock, 5/16-18
26	1931333	4	CARRIAGE BOLT, 5/16-18 x 3/4
27	41703308	1	PLATFORM, Red (Massey Ferguson)
28	71703308	1	PLATFORM, Green (Deutz-Allis models)

***1904



All Models

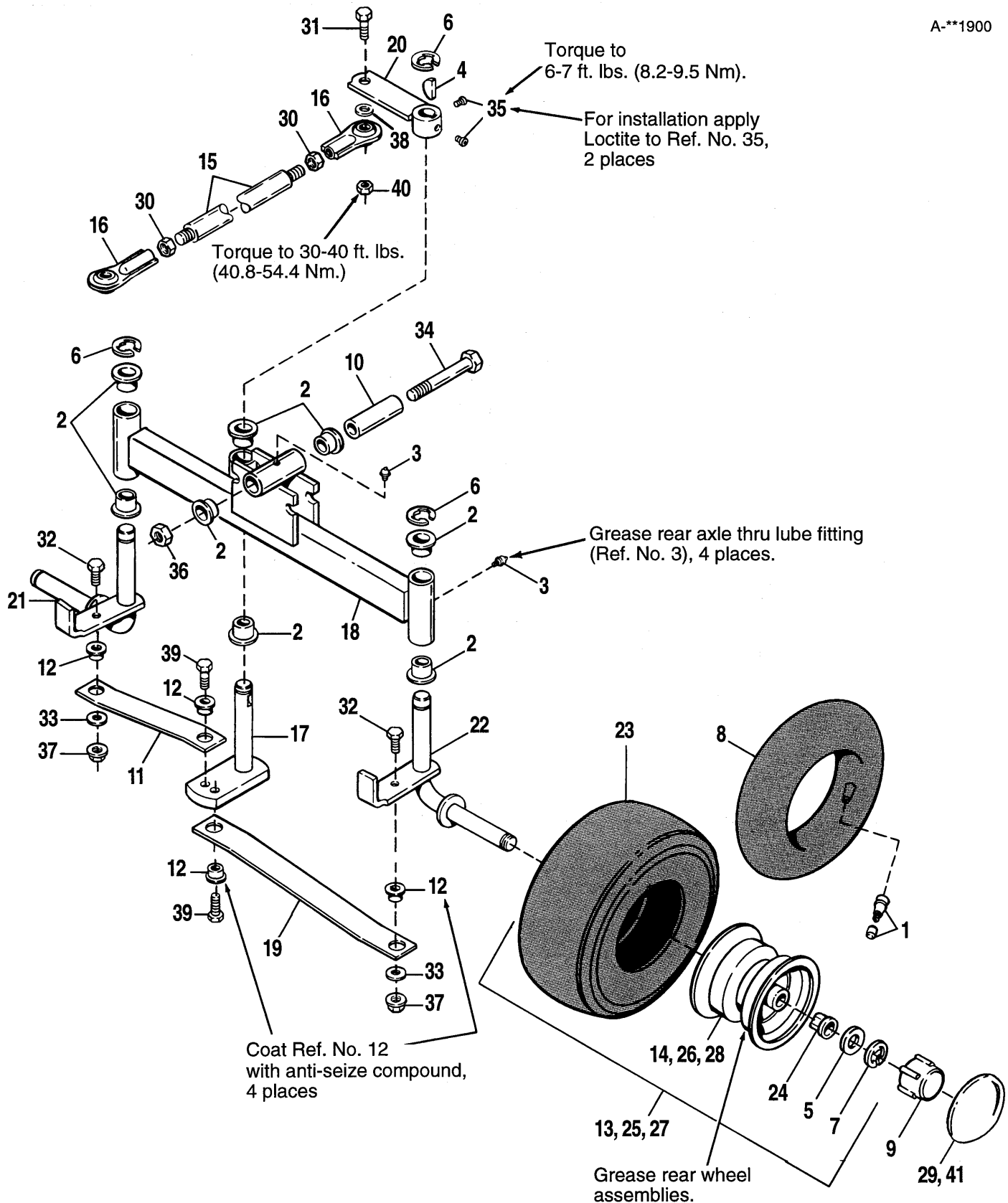
Steering

Ref. No.	Part No.	Qty.	Description
1	921133	1	FITTING, Lube
2	1671737	2	BEARING
3	1678381	1	TUBE, Steering Shaft
4	1686651*	1	STEERING WHEEL KIT (Incl. Ref. Nos. 13 & 26)
5	1702385	1	BEARING, Flange
6	1702784	1	SPACER, Steering Shaft
7	1702786	1	WASHER, Nylon
8	1702870	1	SHAFT ASSY., Steering
9	1703009	1	ARM ASSY.
10	1703112	1	SPACER
11	1703226	1	BEARING, Flange
12	1703305	1	PINION, Steering Shaft
13	1714097	1	CAP, Steering Wheel
14	1916966	1	LOCKWASHER, 1/2
15	1918455	1	PIN, Cotter
16	1919326	2	WASHER, 5/16
17	1919438	1	NUT, Hex, ESNA Lock, 5/16-18
18	1920328	1	CAPSCREW, Hex, 1/2-13 x 1-1/2
19	1925690	1	CAPSCREW, Hex, 5/16-18 x 3-1/2
20	1927469	1	CAPSCREW, Hex, 1/2-13 x 2-1/4
21	1931277	2	NUT, Hex, Whizlock, 5/16-18
22	1931333	2	CARRIAGE BOLT, 5/16-18 x 3/4
23	1933260	2	SCREW, Whizlock, 3/8-16 x 3/4
24	1960170	1	WASHER, 1/2 x 1
25	1960379	1	NUT, Hex, ESNA, 1/2-13 (Thin)
26	1960540	1	PIN, Spring, 5/8 x 2

* Steering Wheel Kit, part no. 1686651 (Kit incl. Ref. Nos. 4, 13 & 26) replaces early style steering wheel and eliminates the requirement for Ref. Nos. 16, 17 & 19.

Rear Axle & Rear Wheels

A-***1900



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

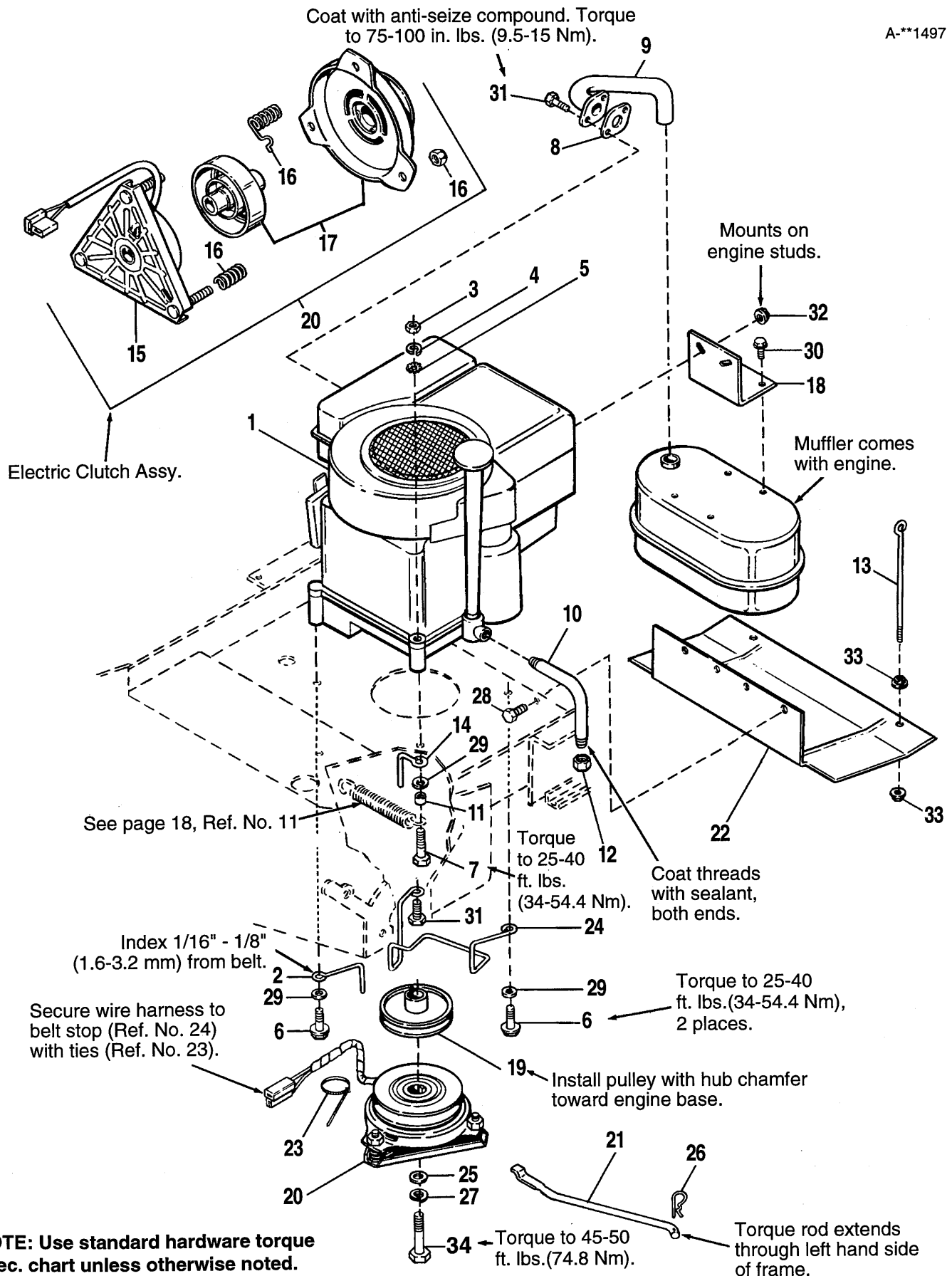
All Models

Rear Axle & Rear Wheels

Ref. No.	Part No.	Qty.	Description
1	172353	2	VALVE STEM & CAP
2	176440	8	BEARING, Nylon
3	921133	4	LUBE FITTING
4	930672	1	KEY, Hi Pro, 3/16 x 5/8
5	960202	2	WASHER, 3/4
6	1611710	3	E-RING
7	1611710	2	RING, Retaining
8	1664090	2	TUBE (Service only, see note below)
9	1673333	2	CAP, Threaded
10	1678228	1	TUBE, Pivot Support
11	1678313	1	ROD, Tie
12	1678333	4	SPACER
13	1702606	2	REAR WHEEL & TIRE ASSY., Silver, 13-1/2" wide x 6" dia. (Incl. Ref. Nos. 1, 4 & 23)
14	1702607	2	REAR WHEEL ASSY., Silver, 13-1/2" wide x 6" dia. (Incl. Qty. 2 of Ref. No. 24)
15	1702778	1	DRAG LINK
16	1702779	2	ROD END, Ball Joint
17	1703172	1	STEERING ARM ASSY
18	1703175	1	REAR AXLE ASSY.
19	1703178	1	ROD, Tie
20	1703203	1	STEERING ARM ASSY.
21	1703954	1	SPINDLE ASSY., RH
22	1703964	1	SPINDLE ASSY., LH
23	1709376	2	TIRE, Dico, 13 x 5.00-6
24	1713167	4	BEARING
25	1713990	2	REAR WHEEL & TIRE ASSY., White, 13-1/2" wide x 6" dia. (Incl. Ref. Nos. 1, 8, 23 & 26)
26	1713991	2	REAR WHEEL ASSY., White, 13-1/2" wide x 6" dia. (Incl. Qty. 2 of Ref. No. 24)
27	1714239	2	REAR WHEEL & TIRE ASSY., Metallic Gray, 13-1/2" wide x 6" dia. (Incl. Ref. Nos. 1, 8, 23 & 28)
28	1714240	2	REAR WHEEL ASSY., Metallic Gray, 13-1/2" wide x 6" dia. (Incl. Qty. 2 of Ref. No. 24)
29	1714428	2	HUB CAP, Black, Smooth, 5-3/4 diameter
30	1919262	2	NUT, Jam, 1/2-20
31	1920328	1	CAPSCREW, Hex Hd., 1/2-13 x 1-1/2
32	1920415	2	CAPSCREW, Hex, 3/8-16 x 1-1/4
33	1924940	2	WASHER, 3/8
34	1926158	1	CAPSCREW, 1/2-13 x 4
35	1928804	2	SETSCREW, Cup Pt., 1/4-20 x 5/16
36	1930644	1	NUT, ESNA, Lock, 1/2-13
37	1930651	2	NUT, Centerlock, 3/8-16
38	1960170	1	WASHER, 1/2
39	1960378	2	CAPSCREW, Whizlock, 3/8-16 x 7/8
40	1960379	1	NUT, Lock, ESNA, 1/2-13 (Thin)
41	1714925	2	HUB CAP, Black, Scalloped, 5-3/4 diameter

NOTE: Simplicity Tire Sealant can be used to repair tires in place of tubes. The sealant is available under the following part numbers:

- 1685525 1 CASE OF 24, 11 oz. tubes
- 1685527 1 PAIL, 5 gallon
- 1685537 1 CASE OF 12, 11 oz. tubes



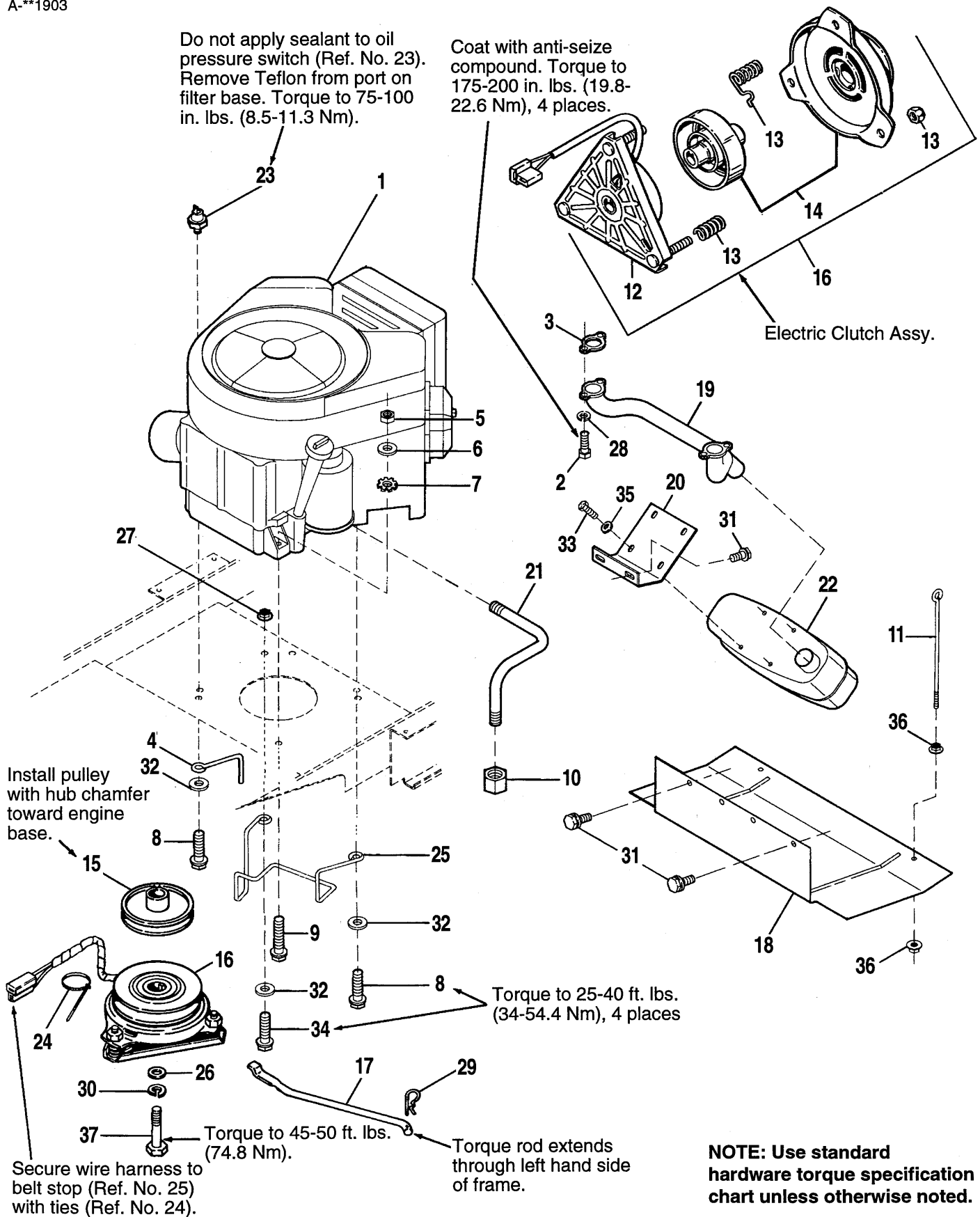
Mfg. No. 1691655, 1691659

Engine - 12 HP

Ref. No.	Part No.	Qty.	Description
1	*	1	ENGINE, 12 HP, Briggs & Stratton
2	172844	1	STOP, Belt
3	916950	1	NUT, Hex, 3/8-16
4	916965	1	LOCKWASHER, 3/8
5	920427	1	LOCKWASHER, Ext. Tooth, 3/8
6	930598	3	SCREW, Taptite, 3/8-16 x 1-1/2
7	960358	1	SCREW, Taptite, 3/8-16 x 2-1/2
8	1650670	1	GASKET, Muffler
9	1655860	1	PIPE, Exhaust
10	1664989	1	DRAIN, Oil
11	1666804	1	SPACER
12	1667346	1	CAP, Hex, 3/8
13	1676338	2	ROD, Battery Hold Down
14	1678306	1	STOP, Belt
15	1679101	1	FIELD ASSY., Clutch
16	1679104	1	ACCESSORY KIT
17	1685485	1	ROTOR ASSY./ARMATURE ASSY. KIT, Clutch
18	1700164	1	BRACKET, Muffler
19	1702962	1	PULLEY ASSY., Drive
20	1703074	1	ELECTRIC CLUTCH ASSY. (Incl. Ref. Nos. 15 - 17)
21	1703107	1	ROD, Torque
22	1703720	1	HEAT SHIELD ASSY.
23	1704739	2	TIE
24	1705268	1	STOP, Belt
25	1708264	1	WASHER, 7/16
26	1918196	1	CLIP, Hair Pin
27	1918199	1	LOCKWASHER, 7/16
28	1924856	2	SCREW, Taptite, 5/16-18 x 1/2
29	1924940	4	WASHER, 3/8
30	1927429	4	SCREW, Taptite, 1/4-20 x 5/8
31	1930591	2	SCREW, Whizlock, 5/16-18 x 3/4
32	1931277	2	NUT, Hex, Whizlock, 5/16-18
33	1960294	4	NUT, Flange, Whizlock, 1/4-20
34	1960351	1	CAPSCREW, Hex, 7/16 x 3-1/4

*** See your local Briggs & Stratton distributor for engine parts & service.**

A-**1903

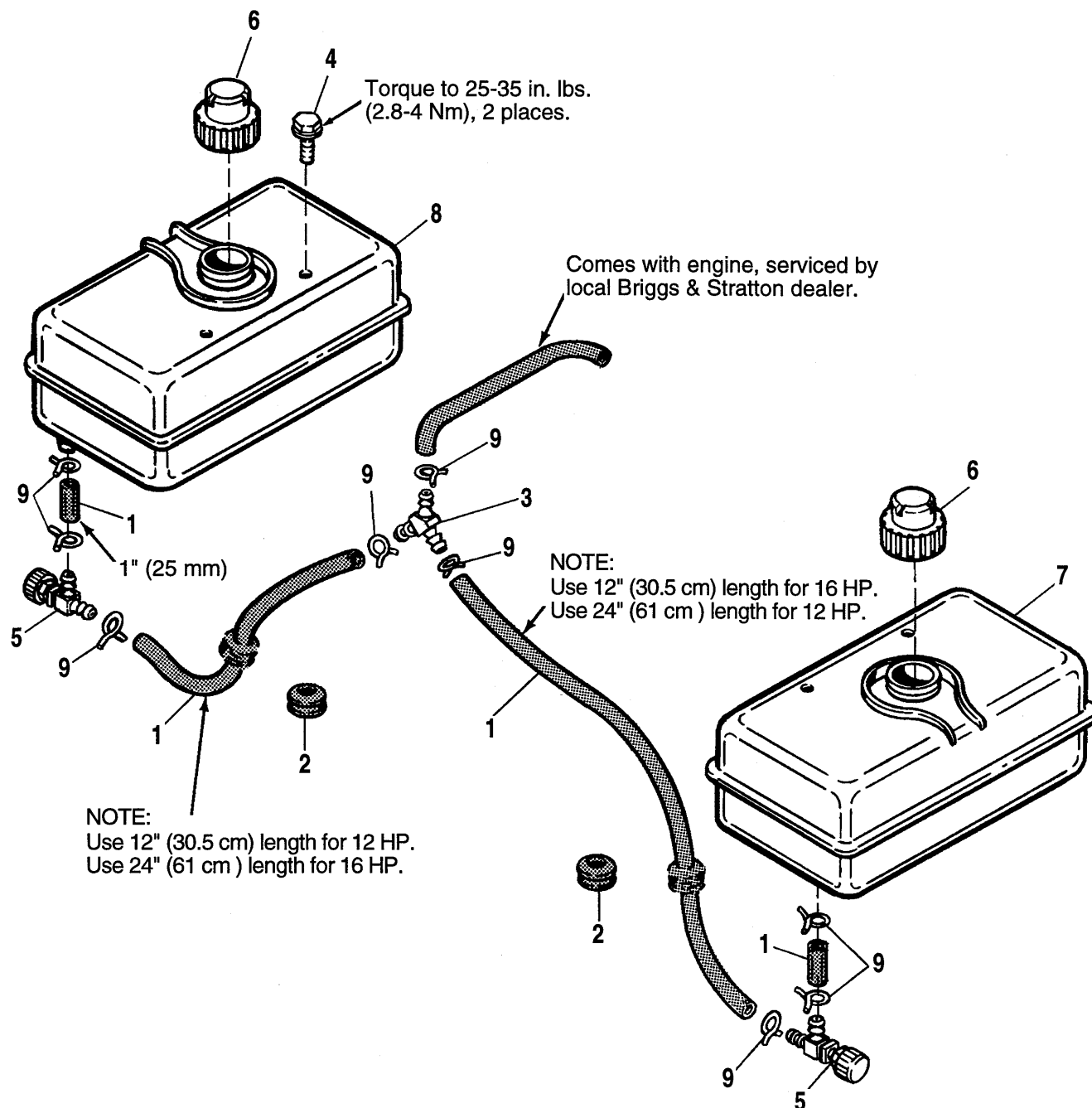


Mfg. No. 1691656, 1691660, 1692014, 1692375, 1692376, 1692512

Engine - 12 HP & 16 HP

Ref. No.	Part No.	Qty.	Description
1	*	1	ENGINE, 12.5 or 16 HP Briggs & Stratton
2	*	4	CAPSCREW, Metric
3	*	2	GASKET, Muffler
4	172844	1	STOP, Belt
5	916950	1	NUT, Hex, 3/8-16
6	916965	1	LOCKWASHER, 3/8
7	920427	1	LOCKWASHER, Ext. Tooth, 3/8
8	930598	3	SCREW, Taptite, 3/8-16 x 1-1/2
9	960358	1	SCREW, Taptite, 3/8-16 x 2-1/2
10	1667346	1	CAP, Hex, Pipe, 3/8
11	1676338	2	ROD, Hold Down
12	1679101	1	FIELD ASSY., Clutch
13	1679104	1	ACCESSORY KIT, Clutch
14	1685485	1	ROTOR ASSY/ARMATURE ASSY. KIT, Clutch
15	1702962	1	PULLEY ASSY., Drive
16	1703074	1	ELECTRIC CLUTCH ASSY., (Incl. Ref. Nos. 12 - 14)
17	1703107	1	ROD, Torque
18	1703720	1	SHIELD, Heat
19	1703760	1	MANIFOLD, Exhaust
20	1703773	1	BRACE, Muffler
21	1703821	1	DRAIN, Oil
22	1703906	1	MUFFLER ASSY., w/Deflector
23	1703956	1	SWITCH, Oil Pressure
24	1704739	1	TIE
25	1705268	1	STOP, Belt
26	1708264	1	WASHER, 7/16
27	1916159	1	NUT, Retainer, 5/15-18
28	1917356	4	LOCKWASHER, 5/8
29	1918196	1	CLIP, Hair Pin
30	1918199	1	LOCKWASHER, 7/16
31	1924856	4	SCREW, Taptite, 5/16-18 x 1/2
32	1924940	3	WASHER, 3/8
33	1927429	4	SCREW, Taptite, 1/4-20 x 5/8
34	1930591	2	SCREW, Hex, Whizlock, 5/16-18 x 3/4
35	1960151	4	WASHER,
36	1960294	4	NUT, Flange, Whizlock, 1/4-20
37	1960351	1	CAPSCREW, Hex, 7/16 x 3-1/4

*** See your local Briggs & Stratton distributor for engine parts & service.**



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

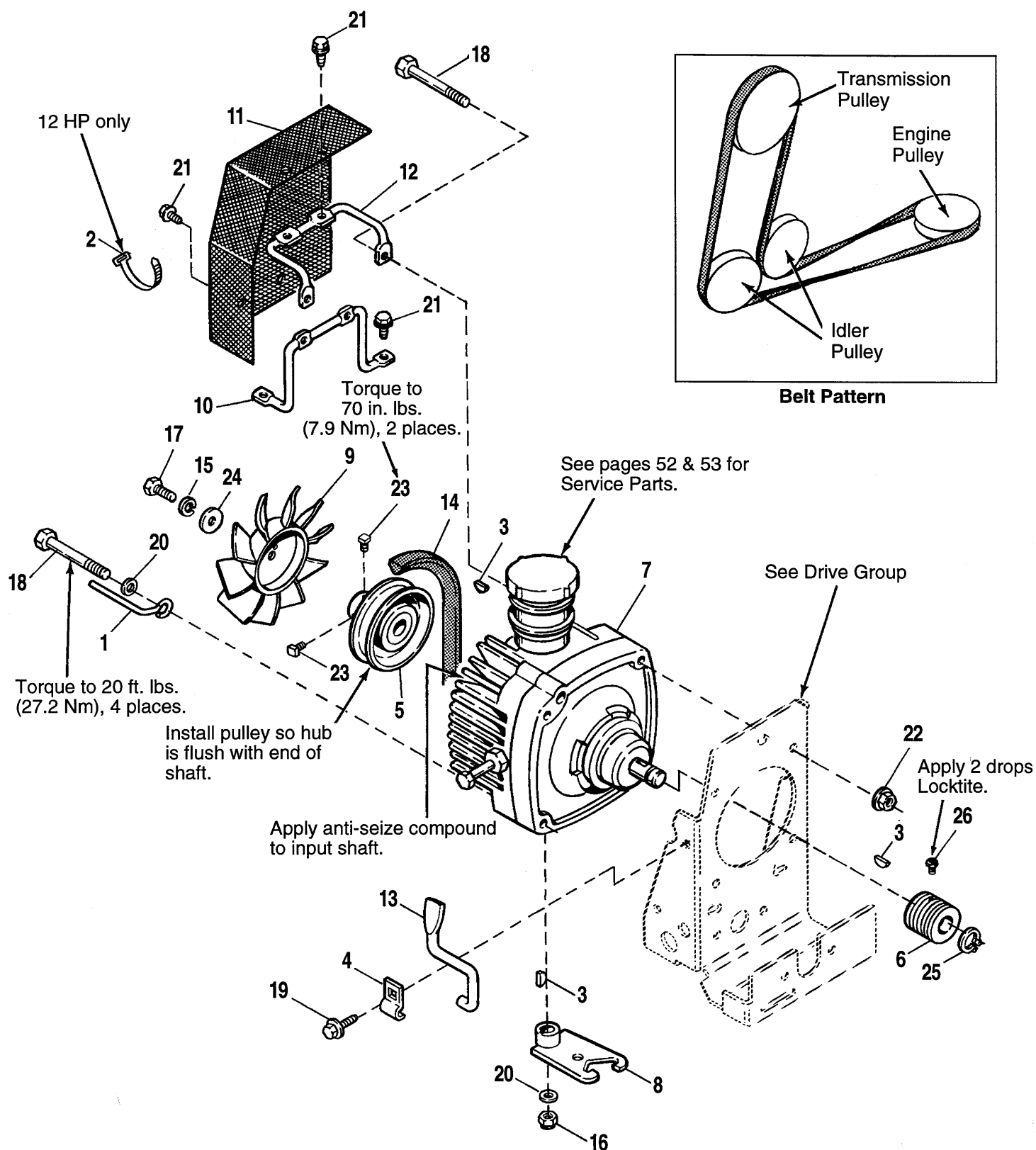
All Models

Fuel System

Ref. No.	Part No.	Qty.	Description
1	*	A/R	HOSE, Fuel
2	1650793	2	GROMMET
3	1678320	1	FITTING, Tee
4	1678380	4	SCREW, Special
5	1678455	2	VALVE, Shutoff
6	1702507	2	CAP, Fuel Tank
7	1702508	1	TANK, Fuel (LH) (Incl. Qty. 1, Ref. No. 9)
8	1702509	1	TANK, Fuel (RH) (Incl. Qty. 1, Ref. No. 9)
9	1960112	9	CLAMP, Hose

*** Order part number 1676861, 45" fuel hose, and cut to length.**

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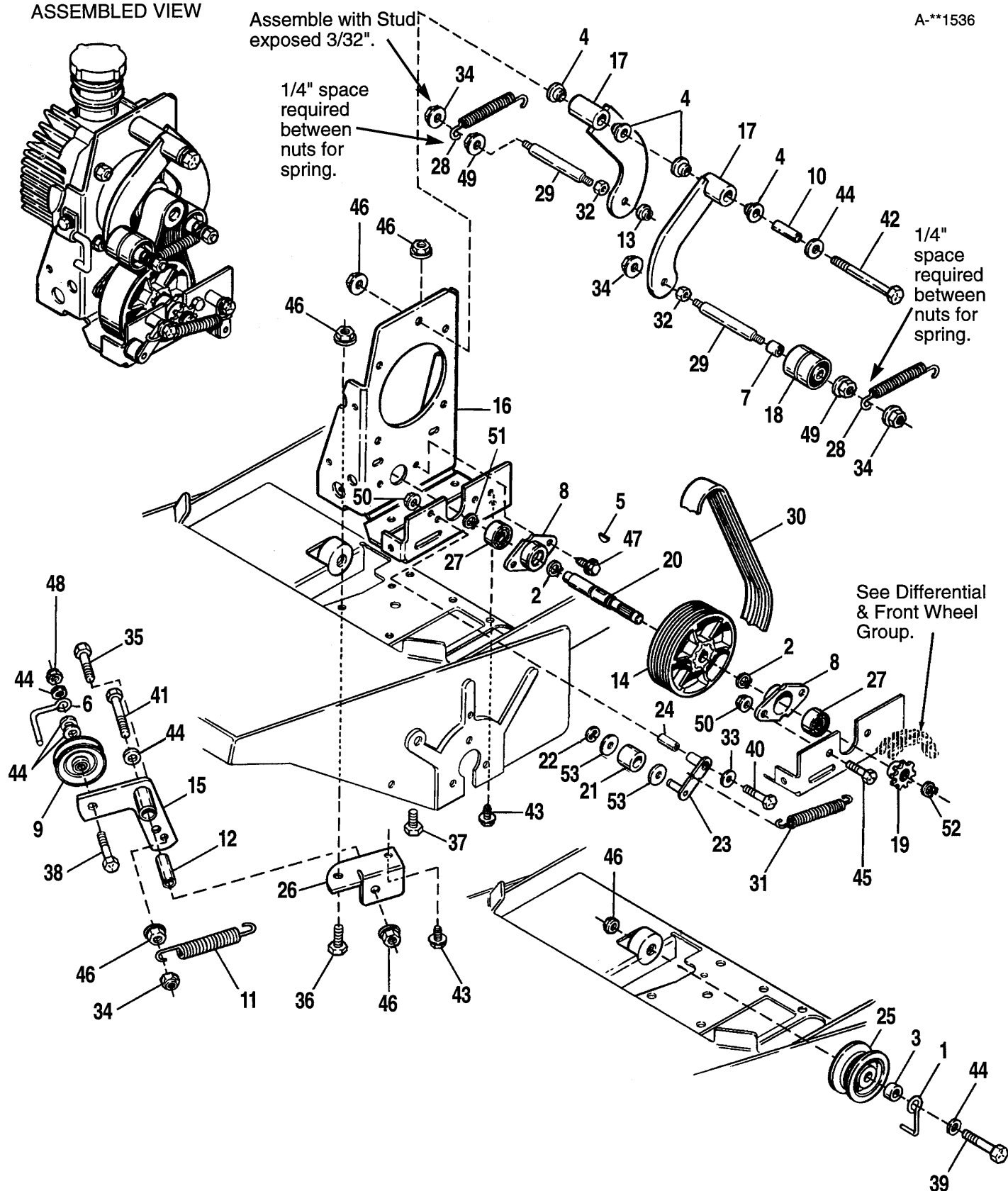
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models**Transmission**

Ref. No.	Part No.	Qty.	Description
1	167032	1	STOP, Belt
2	932747	1	TIE
3	960397	3	KEY, Woodruff
4	1664004	1	CLIP, Tow Latch
5	1670855	1	PULLEY, Transmission
6	1700307	1	PULLEY, Drive
7	1700690	1	TRANSMISSION - Hydro Pump (See pages 52 & 53 for service parts)
8	1700795	1	CONTROL ARM ASSY.
9	1700814	1	FAN
10	1701219	1	MOUNTING BRACKET, Fan Guard
11	1701220	1	GUARD, Fan
12	1701221	1	MOUNTING BRACKET, Fan Guard
13	1701467	1	ROD, Tow Latch
14	1704735	1	BELT, Drive
15	1916964	1	LOCKWASHER, 1/4
16	1919439	1	NUT, Hex, ESNA Lock, 5/16-18
17	1921958	1	CAPSCREW, Hex, 1/4-20 x 1/2
18	1923903	4	CAPSCREW, Hex, 3/8-16 x 3
19	1924856	1	SCREW, Taptite, 5/16-18 x 1/2
20	1924940	2	WASHER, 5/16
21	1925003	6	SCREW, Hex, Taptite, 1/4-20 x 1/2
22	1928352	4	NUT, Hex, Whizlock, 3/8-16
23	1960110	2	SETSCREW, Sq. Hd., Cup Pt., 1/4-28 x 1/2
24	1960151	1	WASHER, 1/4 x 1-1/4
25	1960310	1	RING, Retaining
26	1960348	2	SETSCREW, 1/4-20 x 3/8

ASSEMBLED VIEW

A-**1536



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models

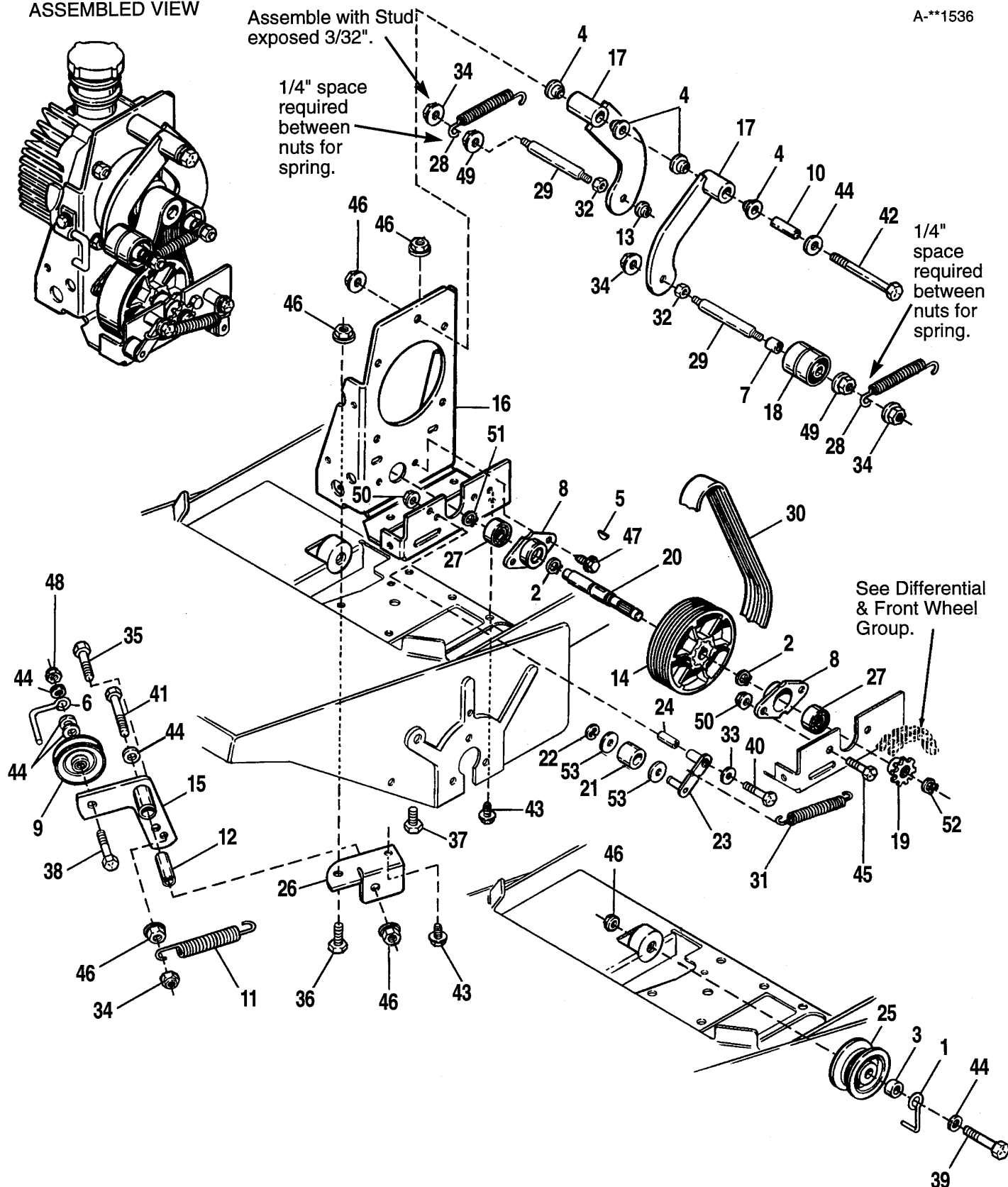
Drive

Ref. No.	Part No.	Qty.	Description
1	161080	1	STOP, Belt
2	166017	2	RING, Retaining
3	172454	1	SPACER
4	176444	4	BUSHING
5	930670	1	KEY, Woodruff
6	1656054	1	STOP, Belt
7	1665699	2	SPACER
8	1667341	2	RETAINER, Bearing
9	1668827	1	PULLEY, Idler
10	1669105	2	TUBE, Pivot
11	1676351	1	SPRING
12	1678057	1	SPACER
13	1678333	1	SPACER
14	1700309	1	PULLEY, Drive
15	1700629	1	CLUTCH ARM ASSY.
16	1700640	1	BRACKET, Pump Mount
17	1700976	2	IDLER ARM ASSY.
18	1700996	2	PULLEY, Idler
19	1701174	1	SPROCKET, Drive (9 Teeth)
20	1701175	1	JACKSHAFT
21	1701785	2	ROLLER, Chain
22	1704420	2	KLIP RING, Retaining
23	1704686	2	CONTROL ARM ASSY.
24	1704690	2	SPACER, Control Arm Assy.
25	1704740	1	PULLEY ASSY., Idler
26	1704754	1	BRACKET, Clutch Arm
27	1705897	2	BEARING Ball
28	1707510	2	SPRING, Tension, 4"
29	1713368	2	STUD, 3/8-16 X 4-1/2
30	1713639	1	BELT, Drive, Poly "V"
31	1714231	1	SPRING, Tension, Idler Assy.
32	1917421	2	NUT, Jam, 3/8-16
33	1919381	2	WASHER, Plain, 5/16
34	1919439	4	NUT, Hex, ESNA, Lock, 3/8-16
35	1920415	1	CAPSCREW, Hex, 3/8-16 x 1-1/4
36	1921210	1	CAPSCREW, Hex, 3/8-16 x 1
37	1921965	3	CAPSCREW, Hex, 3/8-16 x 3/4
38	1921971	1	CAPSCREW, Hex, 3/8-16 x 1-3/4
39	1921973	1	CAPSCREW, Hex Hd., 3/8-16 x 2-3/4
40	1921978	2	CAPSCREW, Hex, 5/16-18 x 2

Ref. Nos. 41 - 53 are on the following page.

ASSEMBLED VIEW

A-**1536

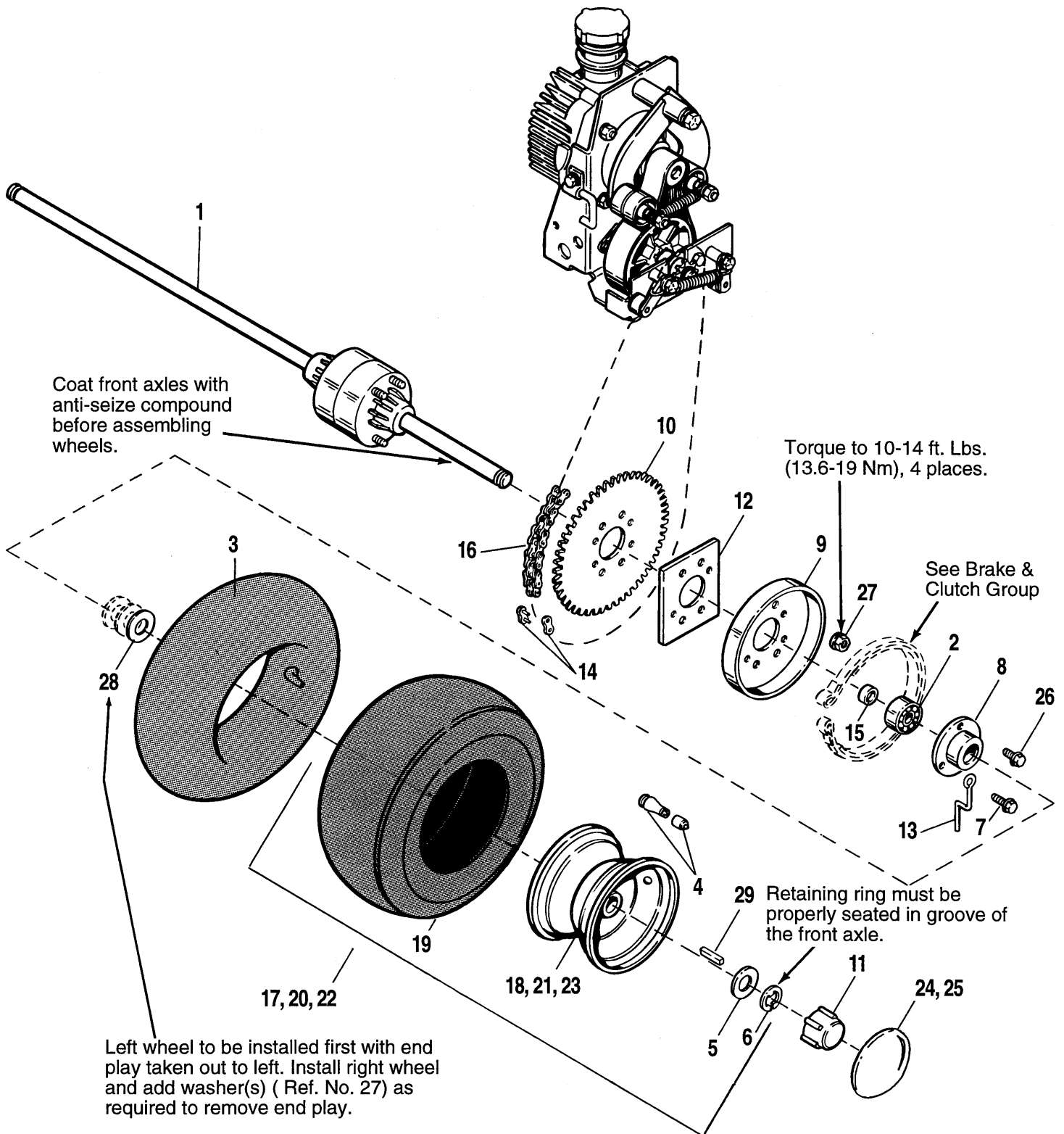


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models**Drive**

Ref. No.	Part No.	Qty.	Description
41	1922130	1	CAPSCREW, Hex, Hd., 3/8-16 x 2-1/4
42	1922648	1	CAPSCREW, Hex, 3/8-16 x 4
43	1924856	9	SCREW, Hex, Taptite, 5/16-18 x 1/2
44	1924940	9	WASHER, 3/8
45	1925205	2	CAPSCREW, Hex, 5/16-18 x 5/8
46	1928352	6	NUT, Hex, Flange, Lock, 3/8-16
47	1928729	2	SCREW, Taptite, 5/16-18 x 3/8
48	1930645	1	NUT, Centerlock 3/8-16
49	1931211	2	NUT, Hex, Whiz, 3/8-16
50	1931277	4	NUT, Hex, Whizlock, 5/16-18
51	1960310	1	RING, Retaining
52	1960328	1	RING, Retaining
53	1960527	4	WASHER

Ref. Nos. 1 - 40 are on the preceding page.



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models

Differential & Front Wheels

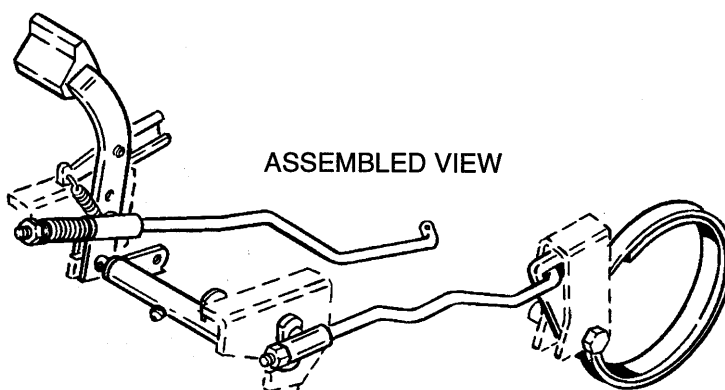
Ref. No.	Part No.	Qty.	Description
1	*	1	AXLE ASSY., Differential (See pages 54 & 55 for service parts)
2	108202	2	BEARING
3	164247	2	TUBE (Service only, see note below)
4	172353	2	VALVE STEM & CAP
5	960202	3	WASHER, 3/4
6	1611710	2	RING, Retaining, Wheel
7	1664847	1	SCREW, Taptite, 5/16-18 x 3/4
8	1665696	2	FLANGE, Bearing
9	1668295	1	DRUM, Brake
10	1668296	1	SPROCKET, 54 Tooth
11	1673333	2	CAP, Threaded (Not used on export models)
12	1678408	1	SHIM, Sprocket
13	1678447	1	STOP, Brake Band
14	1701112	1	MASTERLINK, Chain
15	1701772	1	SPACER, Axle
16	1704298	1	CHAIN, Roller, #40 x 63 pitches
17	1705038	2	WHEEL & TIRE ASSY., Silver, 5-3/8" wide x 8" dia. (Incl. Ref. Nos. 4, 18 & 19)
18	1705047	2	WHEEL ASSY., Silver, 5-3/8" wide x 8" dia.
19	1709381	2	TIRE, Dico, Turf Trac, 16 x 6.50-8
20	1713988	2	WHEEL & TIRE ASSY., White, 5-3/8" wide x 8" dia. (Incl. Ref. Nos. 4, 19 & 21)
21	1713989	2	WHEEL ASSY., White, 5-3/8" wide x 8" dia
22	1714237	2	WHEEL & TIRE ASSY., Metallic Gray, 5-3/8" wide x 8" dia. (Incl. Ref. Nos. 4, 19 & 23)
23	1714238	2	WHEEL ASSY., Metallic Gray, 5-3/8" wide x 8" dia.
24	1714429	2	HUBCAP, 8", Smooth
25	1714926	2	HUBCAP, 8", Scalloped
26	1924856	5	SCREW, Taptite, 5/16-18 x 1/2
27	1931277	4	NUT, Hex, Whizlock, 5/16-18
28	1960114	3	WASHER, Shim, 3/4 x 1-1/6 (Use as needed)
29	8221042	2	KEY, 3/16 x 3/16 x 1-1/2

* See your local Tecumseh/Peerless distributor for parts and service.

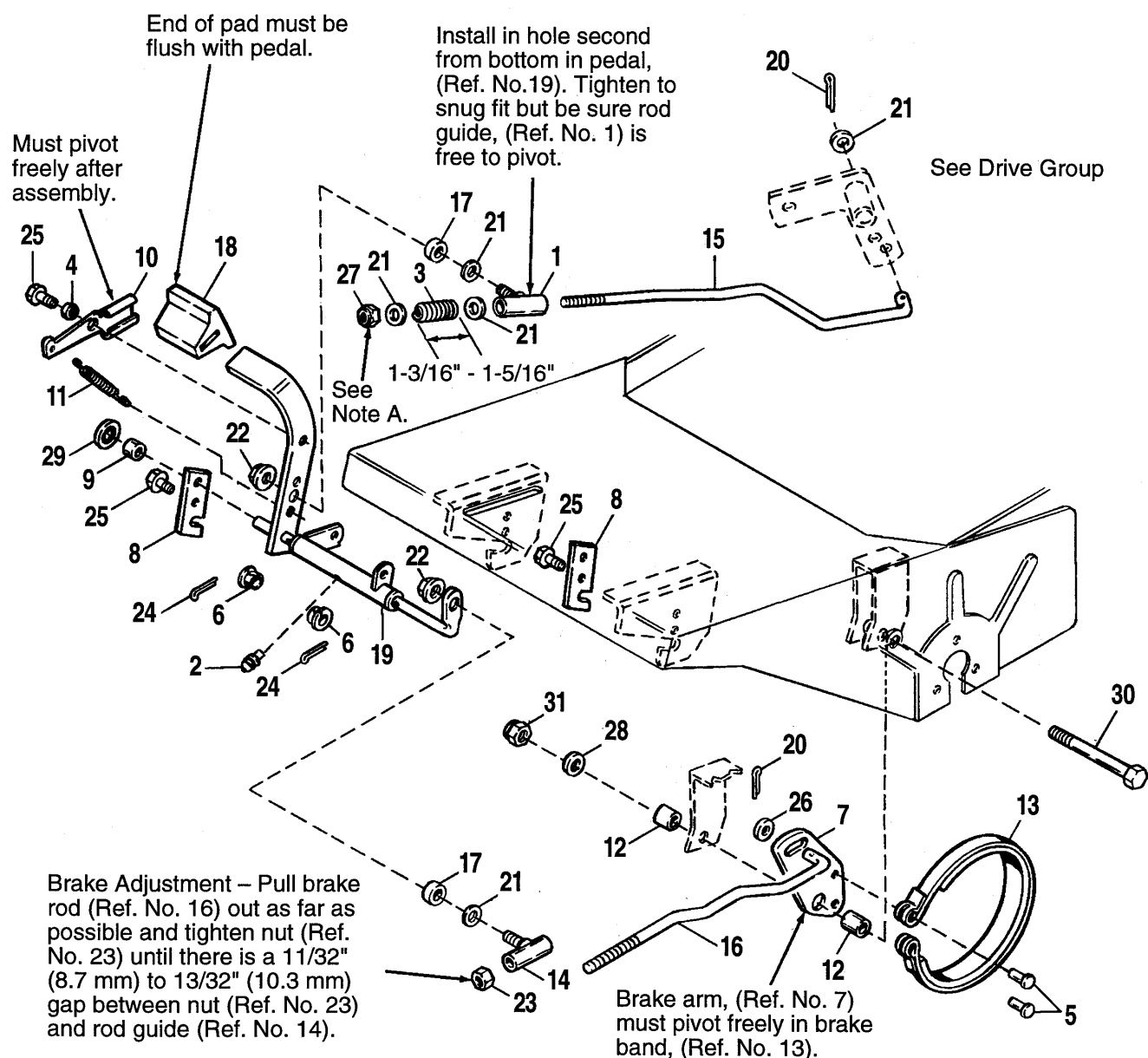
* NOTE: Simplicity Tire Sealant can be used to repair tires in place of tubes. The sealant is available under the following part numbers:

1685525	1	CASE OF 24, 11 oz. tubes
1685527	1	PAIL, 5 gallon
1685537	1	CASE OF 12, 11 oz. tubes

NOTE A: Clutch Adjustment – With pedal released, tighten nut (Ref. No. 27) on clutch rod (Ref. No. 15) until spring (Ref. No. 3) is compressed to a height of 1-5/16" (30.2 mm) to 1-3/16" (33.3 mm) on the long side of spring.



ASSEMBLED VIEW

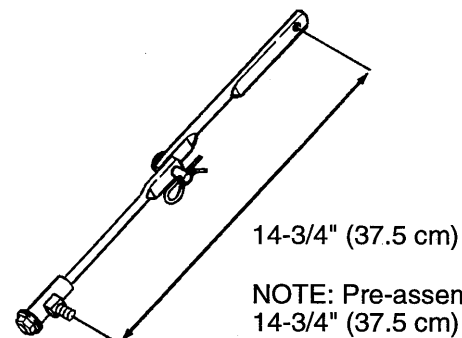
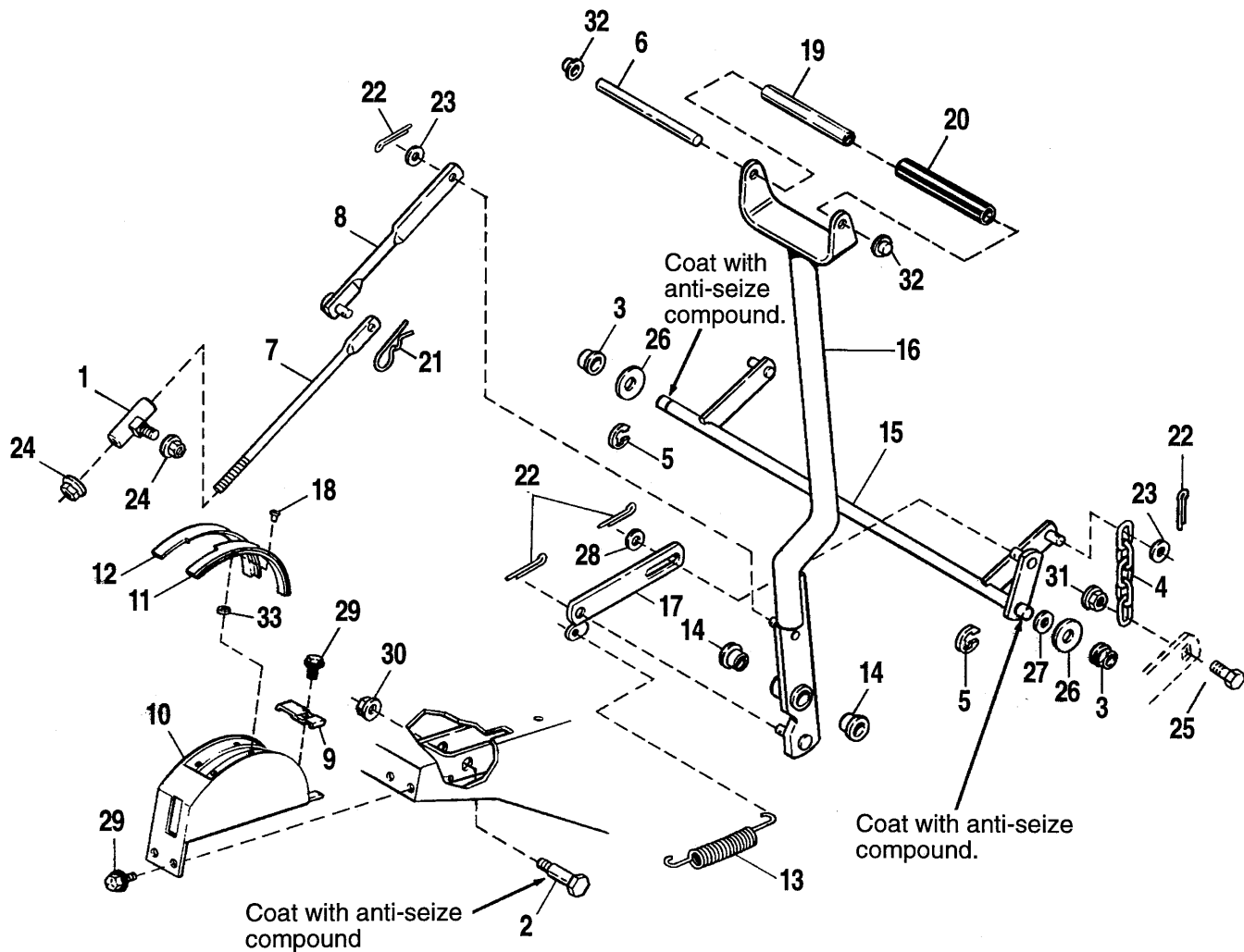


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models

Brake & Clutch

Ref. No.	Part No.	Qty.	Description
1	154117	1	GUIDE ASSY., Rod
2	921133	1	FITTING, Grease
3	1650347	1	SPRING
4	1665844	1	SPACER
5	1667132	2	PIN
6	1668185	2	BUSHING, Nylon, Split
7	1678279	1	LINK, Brake Arm
8	1678327	2	BRACKET, Brake
9	1678328	1	SPACER
10	1678340	1	LATCH, Brake
11	1678341	1	SPRING
12	1678409	2	SPACER
13	1679357	1	BAND ASSY., Brake
14	1700114	1	GUIDE ASSY., Rod
15	1703100	1	ROD, Clutch
16	1703375	1	ROD, Brake
17	1703900	2	SPACER
18	1704849	1	PAD, Pedal
19	1705775	1	SHAFT ASSY., Brake
20	1918447	2	PIN, Cotter, 3/4
21	1919326	5	WASHER, 5/16
22	1919438	2	NUT, Hex, ESNA, Lock, 5/16-18
23	1919439	1	NUT, Hex, Lock, 3/8-16
24	1923360	2	PIN, Cotter
25	1924856	5	SCREW, Taptite, 5/16-18 x 1/2
26	1924940	1	WASHER, 3/8
27	1935048	1	NUT, Hex, Centerlock, 5/16-18
28	1960170	1	WASHER, 1/2
29	1960260	1	PUSHNUT
30	1960286	1	CAPSCREW, 1/2-13 x 3-1/2, Gr. 5
31	1960379	1	NUT, Hex, ESNA, Lock, 1/2-13

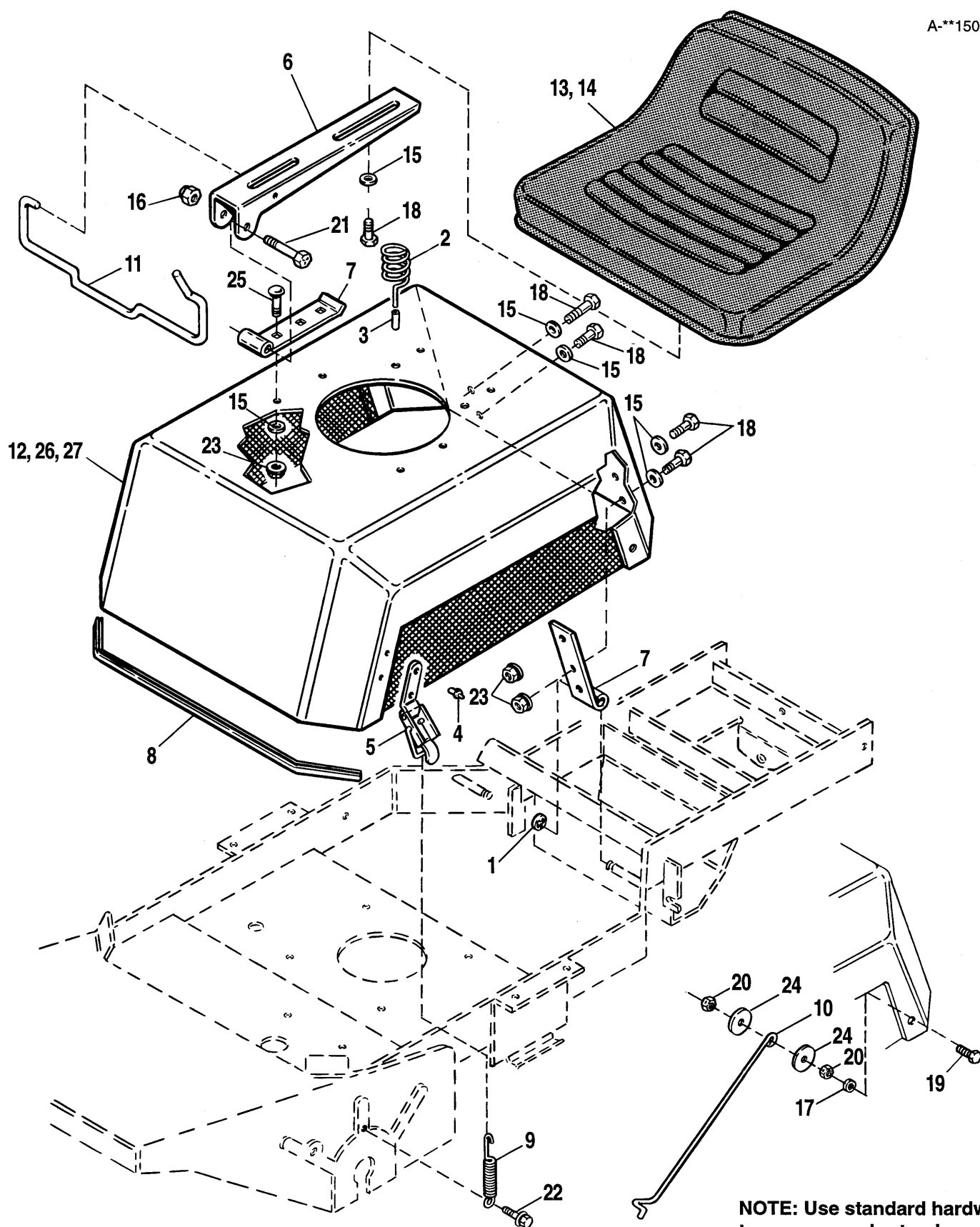


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models

Implement Lift

Ref. No.	Part No.	Qty.	Description
1	108166	1	YOKE ASSY., Pivot
2	170135	1	BOLT, Shoulder
3	1668185	2	BUSHING, Nylon
4	1678337	2	CHAIN, Lift
5	1703805	2	KLIPRING, 1/2
6	1704038	1	PIN
7	1704163	1	LIFT ROD, Lower
8	1704175	1	LIFT ROD ASSY.
9	1704199	1	CLAMP, Cover
10	1704363	1	COVER, Lift Lever
11	1704364	1	STRIP, Rubber, LH
12	1704365	1	STRIP, Rubber, RH
13	1704442	1	SPRING
14	1704505	2	BUSHING, Flanged
15	1704868	1	SHAFT ASSY., Lift
16	1704869	1	HANDLE ASSY., Lift
17	1704871	1	BAR ASSY., Lift
18	1704882	8	RIVET
19	1704915	1	SPACER
20	1705005	1	HANDLE
21	1918196	1	COTTER PIN, Hairpin
22	1918447	5	PIN, Cotter
23	1919326	3	WASHER
24	1919439	2	NUT, Hex, ESNA Lock, 3/8-16
25	1921333	2	CAPSCREW, 5/16-16 x 1
26	1924359	2	WASHER, Plain
27	1924361	1	WASHER, 1/2
28	1924940	1	WASHER, Plain, 3/8
29	1929477	3	SCREW, Taptite #10-24 x 1/2
30	1931211	1	NUT, Whizlock, 3/8-16
31	1935048	2	NUT, Hex, Flange, Lock, 5/16-18
32	1960093	2	PUSHNUT
33	1960521	8	PUSHNUT



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models

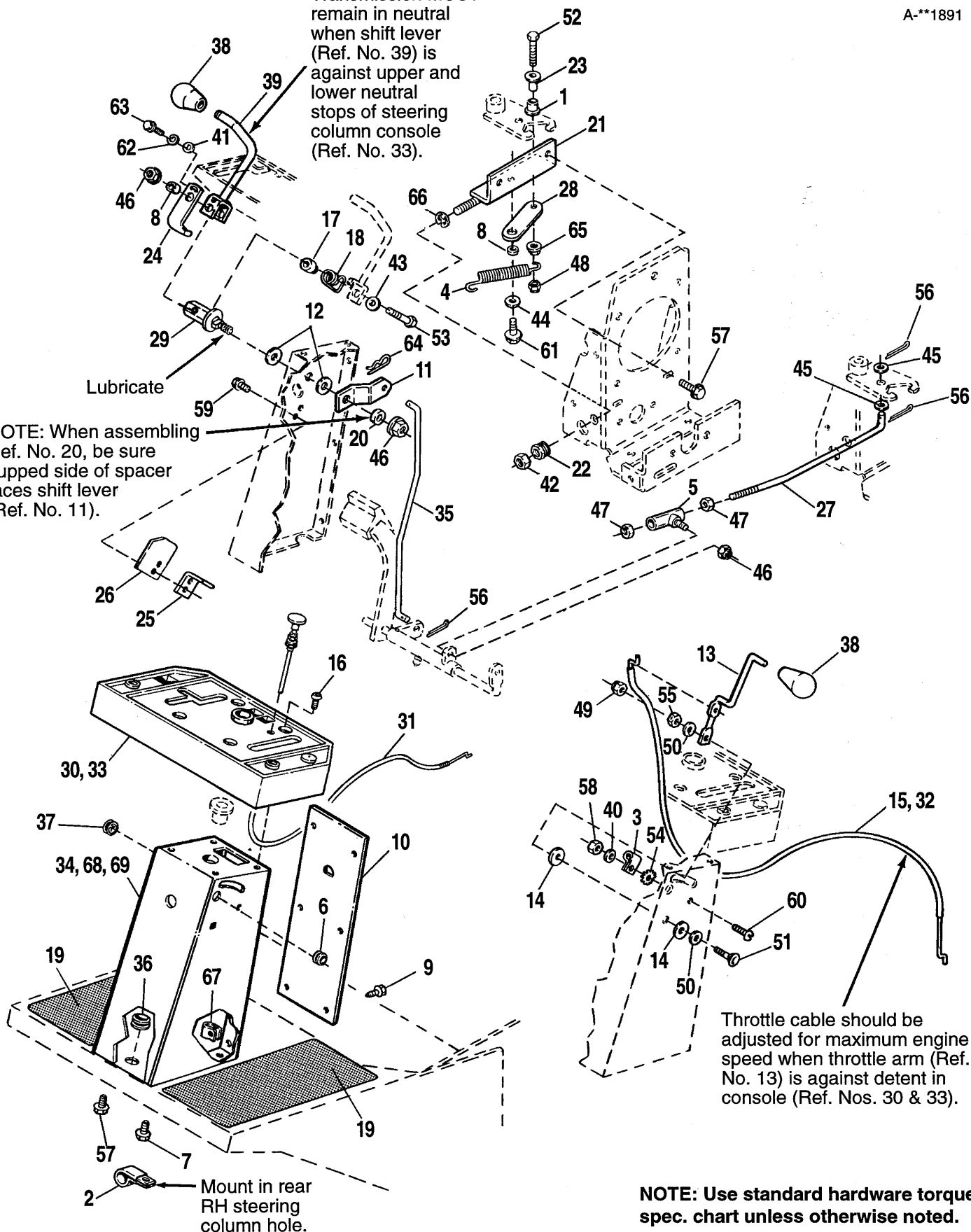
Seat & Deck

Ref. No.	Part No.	Qty.	Description
1	932724	2	RING, Retaining
2	1666690	2	SPRING, Seat
3	1666691	2	COVER, Spring
4	1675044	4	RIVET, Seat Latch
5	1685624	2	LATCH, Seat, Pull Tight
6	1701559	2	HINGE, Upper, Seat
7	1701560	4	HINGE, Seat
8	1702158	1	MOLDING, Deck
9	1702722	2	SPRING, Latch
10	1703530	1	ROD, Seat Deck
11	1703533	1	LATCH, Seat
12	1705060	1	DECK, Seat, Orange
13	1713839	1	SEAT (Incl. Ref. No. 14)
14	1714482	1	COVER, Seat
15	1919326	12	WASHER, Flat, 5/16
16	1919439	2	NUT, Hex, ESNA, Lock, 3/8-16
17	1921319	1	WASHER, 1/4
18	1921332	8	CAPSCREW, 5/16-18 x 3/4
19	1921960	1	CAPSCREW, 1/4-20 x 1-1/4
20	1923358	2	NUT, Hex Centerlock, 1/4-20
21	1923701	2	CAPSCREW, 3/8-16 x 2
22	1924856	2	SCREW, Taptite, 5/16-18 x 1/2
23	1931277	8	NUT, Hex, Whizlock, 5/16-18
24	1960151	2	WASHER, 1/4 x 1-1/4
25	1960282	4	CARRIAGE BOLT, 5/16-18 x 3/4
26	41705060	1	DECK, Seat, Red
27	71705060	1	DECK, Seat, Green

Transmission **MUST** remain in neutral when shift lever (Ref. No. 39) is against upper and lower neutral stops of steering column console (Ref. No. 33).

Lubricate

NOTE: When assembling Ref. No. 20, be sure cupped side of spacer faces shift lever (Ref. No. 11).



All Models

Console & Controls

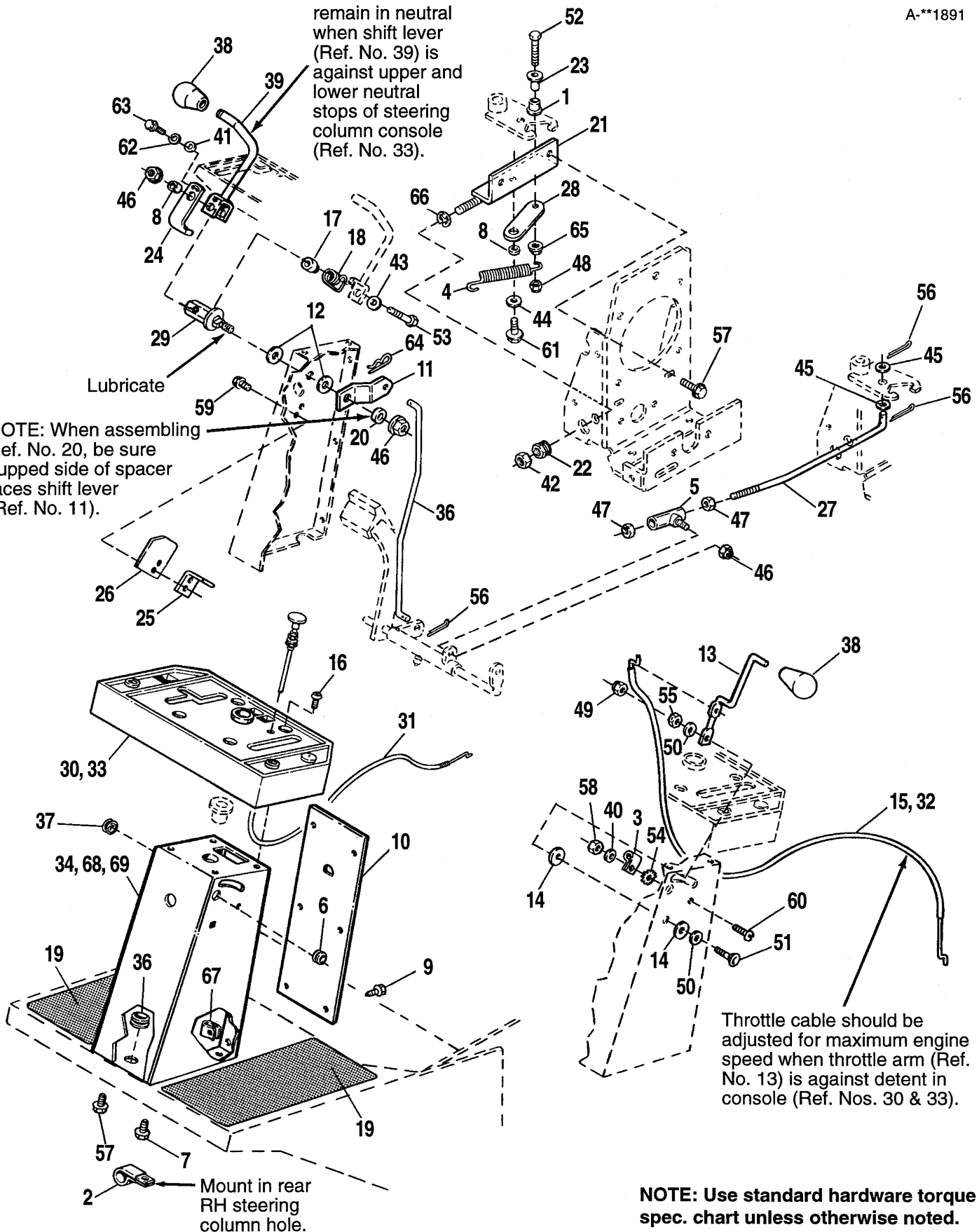
Ref. No.	Part No.	Qty.	Description
1	118273	1	BUSHING, Nylon
2	122186	1	CLAMP
3	158475	1	CLIP
4	159159	1	SPRING, Extension
5	164094	1	ROD, Guide
6	172176	1	GROMMET
7	1664847	1	SCREW, Taptite, 5/16-18 x 3/4
8	1665889	2	SPACER
9	1676860	6	SCREW, Hex, 1/4-14 x 5/8
10	1678245	1	PANEL, Steering Column
11	1678283	1	LEVER, Shift
12	1678360	2	WASHER, Nylon, 33/64 x 1
13	1678362	1	THROTTLE ARM
14	1678366	2	WASHER, Nylon
15	1678371	1	CABLE, Throttle (12 HP)
16	1678419	4	SCREW, Taptite, 1/4-20 x 3/4
17	1678425	1	SPACER
18	1678429	1	SPRING, Torsion
19	1678437	2	MAT, Foot
20	1700880	1	SPACER
21	1701108	1	BRACKET ASSY., Control
22	1701111	1	NUT, Adjusting
23	1701159	1	BUSHING
24	1701274	1	NEUTRAL SWITCH ARM
25	1701275	1	BRACKET, Switch
26	1701328	1	FLIPPER SWITCH (Plastic)
27	1701782	1	ROD, Control
28	1701792	1	ARM, Control
29	1702002	1	PIVOT, Shift
30	1703185	1	CONSOLE, Steering Column (12.5 & 16 HP)
31	1703191	1	CABLE, (12.5 HP & 16 HP Only)
32	1703192	1	CABLE, Throttle (12.5 & 16 HP)
33	1703294	1	CONSOLE, Steering Column (12 HP)
34	1703355	1	STEERING COLUMN ASSY., Orange
35	1703810	1	ROD, Control, Vertical
36	1704862	1	GROMMET
37	1705004	1	GROMMET
38	1713844	2	KNOB, Control
39	1714075	1	ROD ASSY., Shift
40	1910531	1	WASHER #10

Ref. Nos. 41 - 69 are on the following page.

Transmission **MUST** remain in neutral when shift lever (Ref. No. 39) is against upper and lower neutral stops of steering column console (Ref. No. 33).

Lubricate

NOTE: When assembling Ref. No. 20, be sure cupped side of spacer faces shift lever (Ref. No. 11).

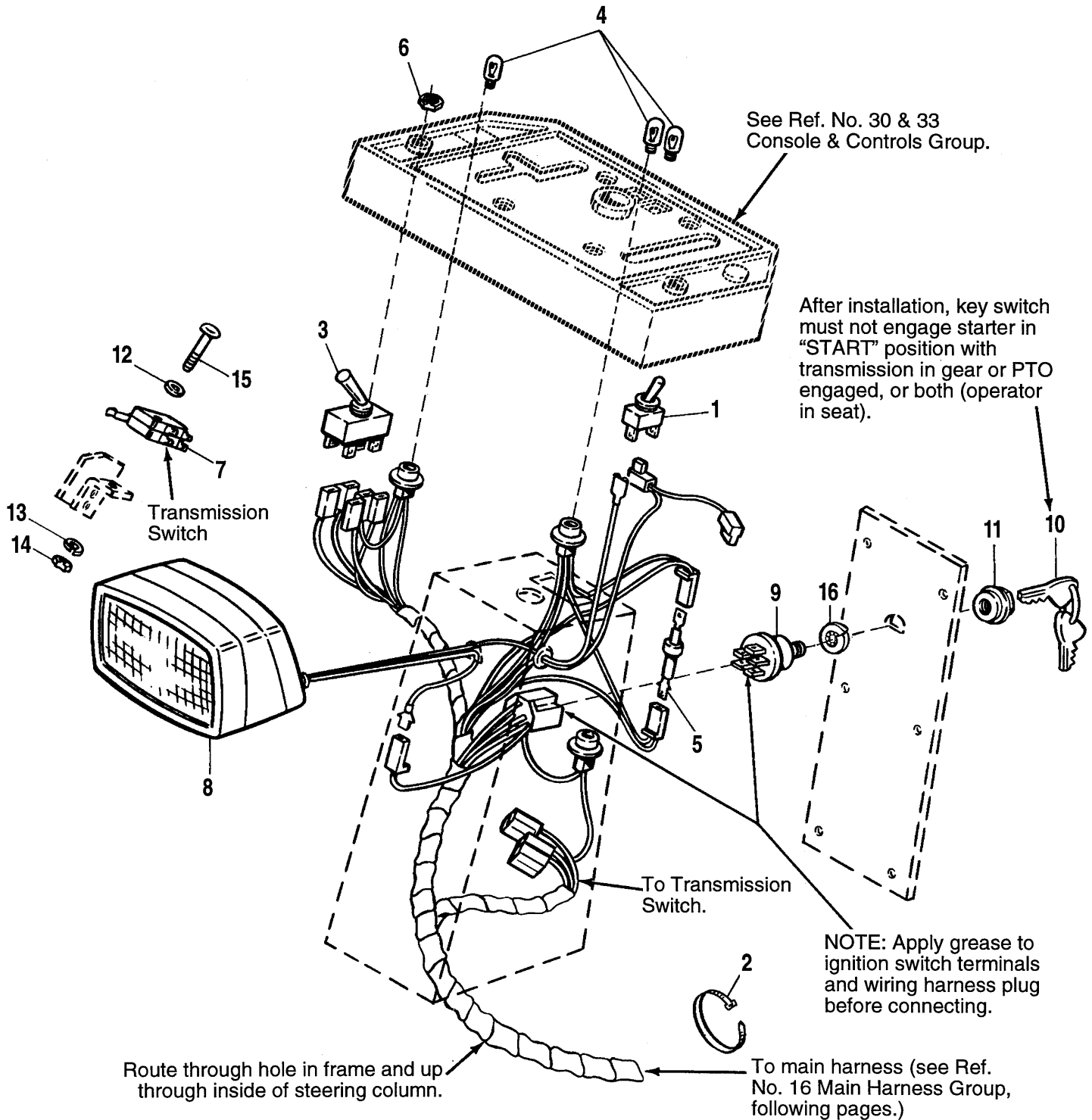


All Models

Console & Controls Group

Ref. No.	Part No.	Qty.	Description
41	1917458	1	WASHER, Plain, #5
42	1918403	1	NUT, Hex, Jam, 3/8-24
43	1919326	1	WASHER, 5/16
44	1919326	1	WASHER, Plain
45	1919326	2	WASHER, Plain, 5/16
46	1919438	3	NUT, Hex, ESNA Lock, 5/16-18
47	1920263	2	NUT, Hex, 5/16-24
48	1920397	1	NUT, Hex, ESNA Lock, 1/4-20
49	1920397	1	NUT, Hex, ESNA Lock, 1/4-20
50	1921319	2	WASHER, Flat, 1/4
51	1921960	1	CAPSCREW, Hex, 1/4-20 x 1
52	1921962	1	CAPSCREW, Hex, 1/4-20 x 1-3/4
53	1921978	1	CAPSCREW, Hex, 5/16-18 x 2
54	1922711	1	LOCKWASHER, Ext. Tooth, #10
55	1923358	1	NUT, Hex, 1/4-20
56	1923360	3	PIN, Cotter
57	1924856	5	SCREW, Taptite, 5/16-18 x 1/2
58	1928919	1	NUT, #10-32
59	1930416	2	SCREW, Taptite, #10-32 x 3/8
60	1930531	2	SCREW, Rd. Hd., #10-32 x 1/2
61	1930601	1	SCREW, Taptite, 5/16-18 x 5/8
62	1930947	1	LOCKWASHER
63	1935944	1	SCREW, Taptite, #5-40 x 3/4
64	1960221	1	PIN, Quick
65	1960294	1	NUT, Hex, Whizlock, 1/4-20
66	1960325	1	E-RING
67	1960523	6	SPEED NUT, "U" Type #14
68	41703355	1	STEERING COLUMN ASSY., Red
69	71703355	1	STEERING COLUMN ASSY., Green

Ref. Nos. 1 - 40 are shown on preceding page.

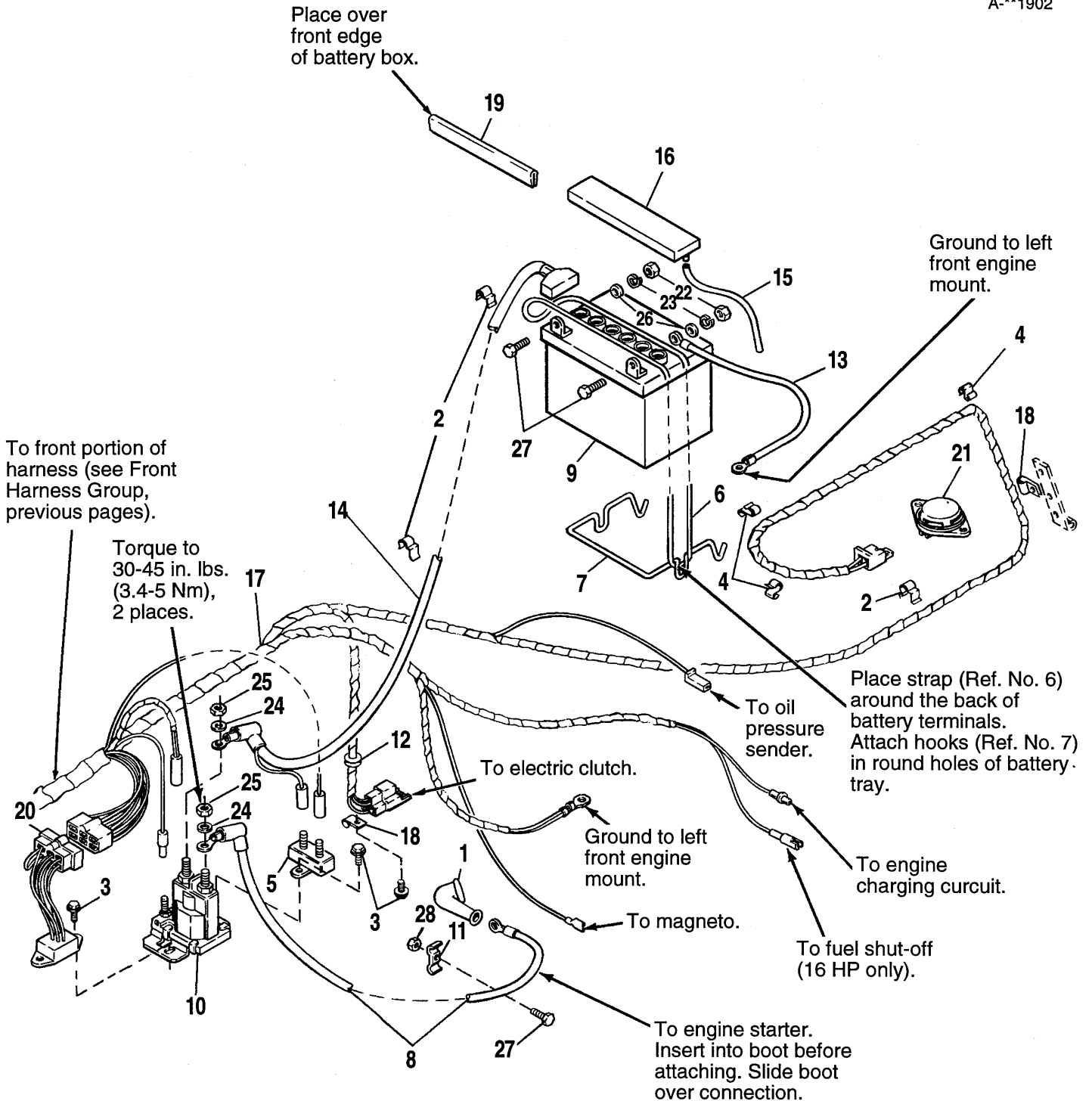


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models

Electrical - Front Harness

Ref. No.	Part No.	Qty.	Description
1	122184	1	SWITCH, Toggle
2	932747	2	TIE, Cable
3	1675800	1	SWITCH ASSY. P.T.O. (Incl. Ref. No. 6)
4	1676130	2	LAMP, Indicator (Qty. 3 on 12.5 HP & 16 HP)
5	1677484	1	DIODE
6	1677663	1	NUT, Special
7	1679932	2	MICRO SWITCH, Tandem
8	1679954	1	HEADLIGHT ASSY.
9	1686637	1	IGNITION SWITCH ASSY. (Incl. Ref. Nos. 10 & 11)
10	1714054	1	KEY
11	1714055	1	NUT, Adapter
12	1917458	2	WASHER, #6
13	1930947	2	LOCKWASHER, #5
14	1931003	2	NUT, Hex, #5-40
15	1960014	2	SCREW, Round Hd., #5-40 x 1-1/2
16	1960547	1	LOCKWASHER, Internal Tooth, 5/8



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

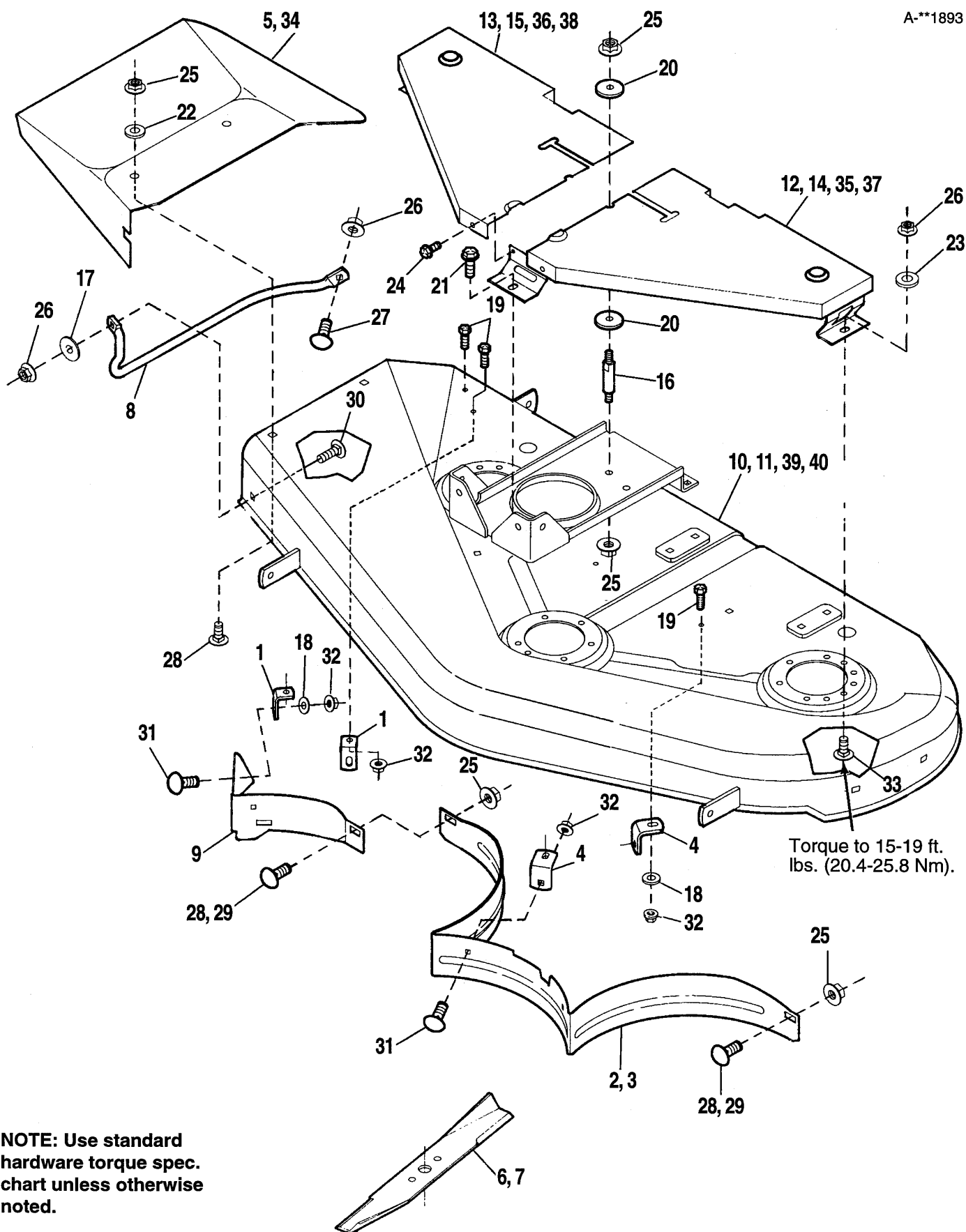
All Models

Electrical - Main Harness

Ref. No.	Part No.	Qty.	Description
1	122023	1	COVER, Terminal
2	172436	3	CLIP, Wire
3	925592	3	SCREW, Taptite, 1/4-20 x 3/4
4	930222	3	CLIP, Wire
5	1665238	1	CIRCUIT BREAKER
6	1665872	1	STRAP, Battery
7	1667805	1	BRACE, Battery Hold Down
8	1668819	1	CABLE ASSY., Starter
9	1685215	1	BATTERY, 12 Volt
10	1685290	1	SOLENOID
11	1701700	2	CLAMP
12	1703473	1	GROMMET
13	1703589	1	CABLE ASSY. (Battery to Ground)
14	1703851	1	CABLE ASSY. (Battery Positive)
15	1704389	1	HOSE, Drain, Battery
16	1704581	1	VENT CAP, Battery
17	1707756	1	WIRING HARNESS
18	1708008	3	CLAMP, Wire
19	1708247	1	MOLDING
20	1713642	1	MODULE, DSI, Interlock
21	1714320	1	SWITCH, Seat
22	1916622	2	NUT, Hex, 1/4-20
23	1916964	2	LOCKWASHER, 1/4
24	1917356	2	LOCKWASHER, 5/16
25	1920263	2	NUT, Hex, 5/16-24
26	1921319	2	WASHER, 1/4
27	1923341	4	CAPSCREW, Hex, 1/4-20 x 3/4
28	1960294	2	NUT, Hex, Whizlock, 1/4-20

42" & 48" Mower - Housing & Cover

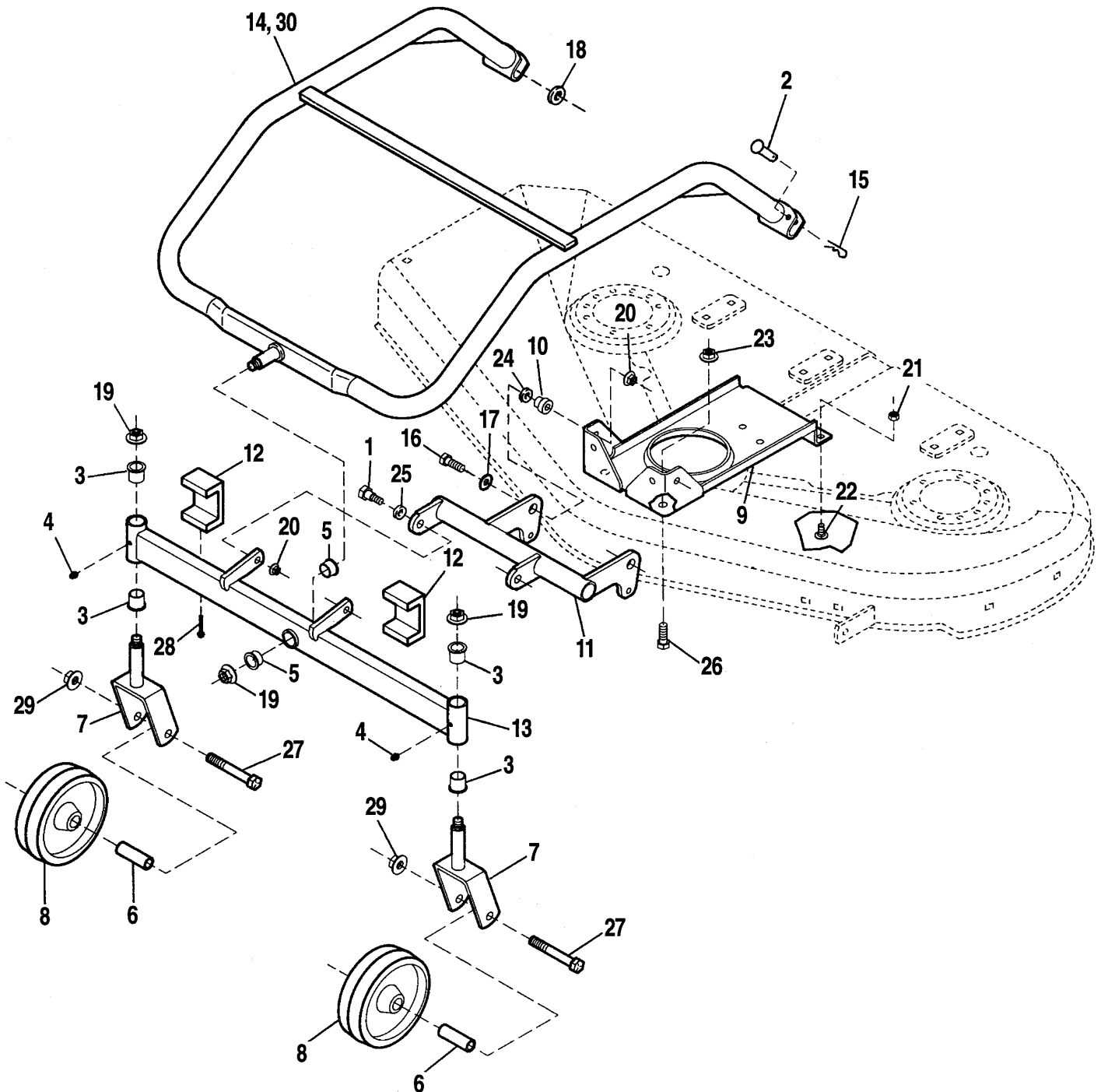
A-**1893



Mfg. Nos. 1691662 , 1691663, 1691665, 1691666, 1692119, 1692120

42" & 48" Mower - Housing & Cover

Ref. No.	Part No.	Qty.	Description
1	108186	2	CLIP, Baffle
2	1608135	1	BAFFLE, 42"
3	1608327	1	BAFFLE, 48"
4	1608331	2	CLIP, Baffle
5	1656049	1	DEFLECTOR, Orange
6	1656146	3	BLADE, 48"
7	1656147	3	BLADE, 42"
8	1665562	1	GUARD, Mower Discharge
9	1665709	1	BAFFLE, Discharge
10	1685397	1	HOUSING ASSY., 42", Orange
11	1685398	1	HOUSING ASSY., 48", Orange
12	1702191	1	COVER ASSY., Belt, LH, 48", Orange
13	1702192	1	COVER ASSY., Belt, RH, 48", Orange
14	1703127	1	COVER ASSY., Belt, LH, 42", Orange
15	1703159	1	COVER ASSY., Belt, RH, 42", Orange
16	1703391	1	STUD, Double Hex
17	1919381	1	WASHER, 5/16
18	1921319	4	WASHER, 1/4
19	1921959	4	CAPSCREW, Hex, 1/4-20 x 5/8
20	1924356	2	WASHER, 3/8
21	1924856	1	SCREW, Taptite, 5/16 x 1/2
22	1924940	2	WASHER, 3/8
23	1925125	2	WASHER, 3/8
24	1927428	1	SCREW, Taptite, 1/4-20 x 3/8
25	1931211	6	NUT, Hex, Whizlock, 3/8-16
26	1931277	4	NUT, Hex, Whizlock, 5/16-18
27	1931333	1	CARRIAGE BOLT, 5/16-18 x 3/4
28	1931348	4	CARRIAGE BOLT, 3/8-16 x 3/4 (Qty. 2 on 48")
29	1931350	2	CARRIAGE BOLT, 3/8-16 x 1, (48" deck only)
30	1960223	1	CARRIAGE BOLT, 5/16 x 1-1/4
31	1960252	4	CARRIAGE BOLT, 1/4-20 x 5/8
32	1960294	8	NUT, Hex, Whizlock, 1/4-20
33	1960373	2	SCREW, Taptite, 5/16-18 x 1
34	61656049	1	DEFLECTOR, Black
35	61702191	1	COVER ASSY., Belt, LH 48", Black
36	61702192	1	COVER ASSY., Belt, RH, 48", Black
37	61703127	1	COVER ASSY., Belt, LH 42", Black
38	61703159	1	COVER ASSY., Belt, RH, 42", Black
39	61685397	1	HOUSING ASSY., 42", Black
40	61685398	1	HOUSING ASSY., 48", Black

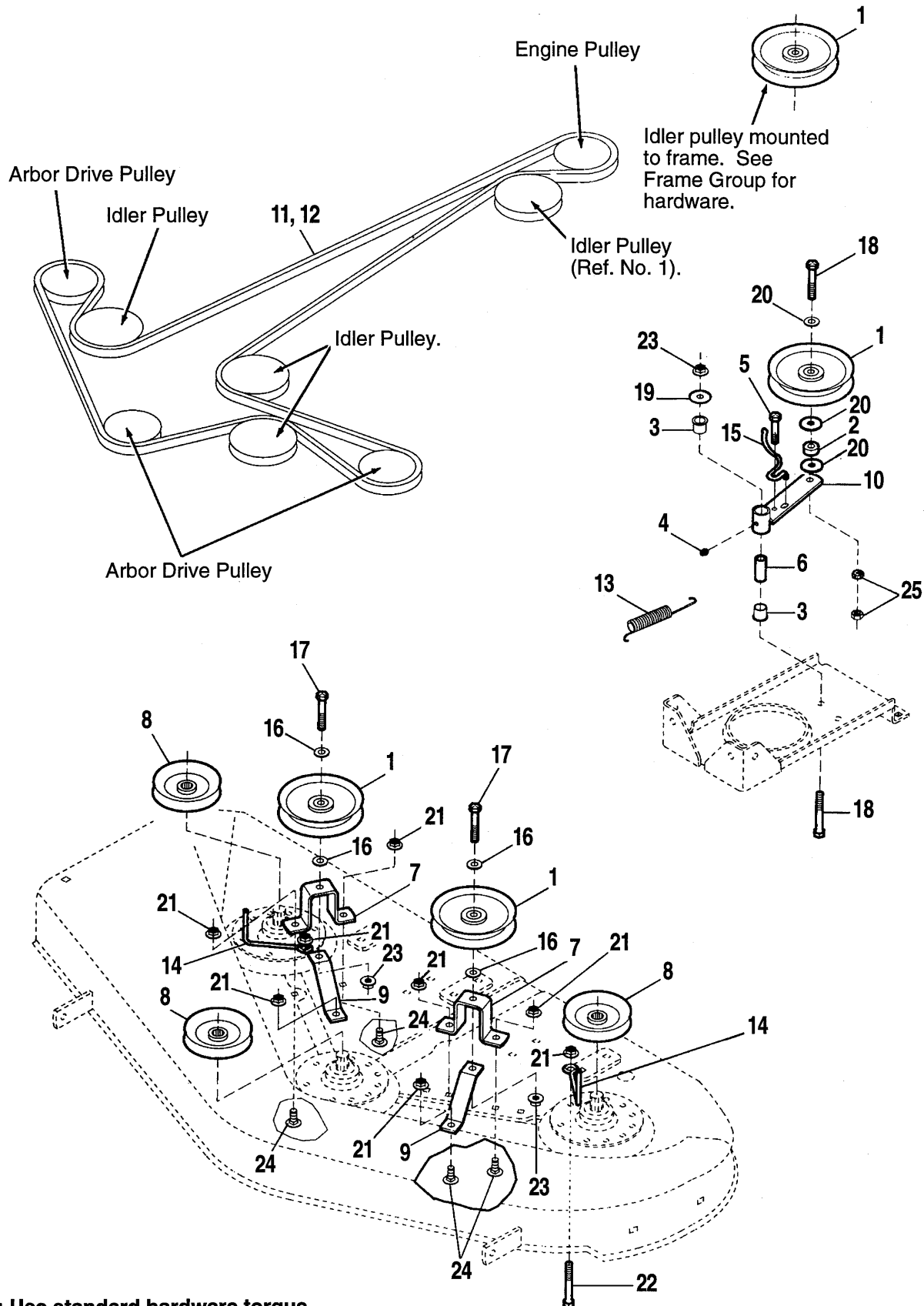


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Mfg. Nos. 1691662, 1691663, 1691665, 1691666, 1692119, 1692120

42" & 48" Mower - Support

Ref. No.	Part No.	Qty.	Description
1	172622	2	BOLT, Shoulder, 3/8-16 x 1-11/32
2	174215	2	PIN, Hitch
3	176440	4	BUSHING
4	921133	2	FITTING, Grease, 1/4
5	1671737	2	BUSHING
6	1678304	2	SPACER
7	1685389	2	YOKE ASSY.
8	1702483	2	WHEEL
9	1703028	1	SUPPORT ASSY.
10	1703115	2	SPACER
11	1703724	1	ROCKER ARM ASSY.
12	1703763	2	BEARING, Block
13	1704458	1	AXLE ASSY., Mower (Incl. Ref. Nos. 12 & 28)
14	1705039	1	MOWER ARM ASSY., 42", Orange
15	1918196	2	PIN, Hair Pin
16	1921969	2	CAPSCREW, Hex, 3/8-16 x 1-1/2
17	1922755	2	WASHER, 3/8
18	1924366	2	WASHER, Plain
19	1930644	3	NUT, Centerlock, 1/2-13
20	1931211	4	NUT, Hex, Whizlock, 3/8-16
21	1931277	2	NUT, Hex, Whizlock, 5/16-18
22	1931333	2	CARRIAGE BOLT, 5/16-18 x 3/4
23	1935041	2	NUT, Whizlock, 7/16-14
24	1960020	2	WASHER, Plain
25	1960027	2	WASHER, Plain
26	1960043	2	CAPSCREW, Whizlock, 7/16-14 x 1
27	1960286	2	CAPSCREW, Hex, 1/2-13 x 3-1/2
28	1960365	2	SCREW, Self-Tapping
29	1960379	2	NUT, ESNA, Lock, 1/2-13 (Thin)
30	61705039	1	MOWER ARM ASSY., Black



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

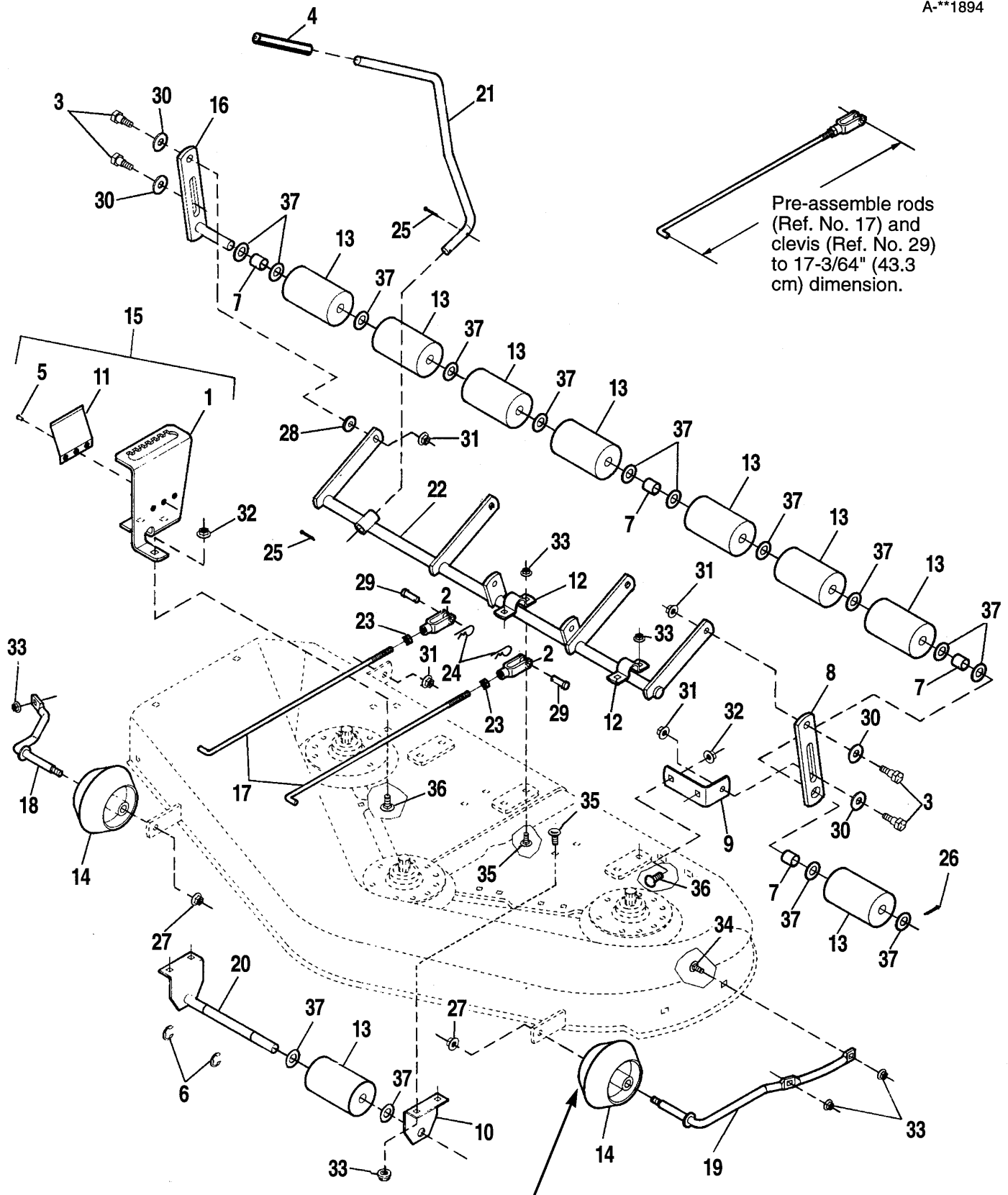
Mfg. Nos. 1691662, 1691663, 1691665, 1691666, 1692119, 1692120

42" & 48" Mower - Drive

Ref. No.	Part No.	Qty.	Description
1	171247	4	PULLEY ASSY.
2	174870	1	SPACER
3	176444	2	BUSHING
4	921133	1	FITTING, Grease
5	1664847	1	SCREW, Taptite, 5/16-18 X 3/4
6	1669105	1	SPACER
7	1678240	2	SUPPORT, Idler
8	1678271	3	PULLEY ASSY., Arbor
9	1678412	2	BRACE
10	1703122	1	ARM ASSY., Clutch
11	1703371	1	BELT, Drive, 42"
12	1703372	1	BELT, Drive, 48"
13	1703801	1	SPRING
14	1704729	2	STOP, Belt
15	1704730	1	STOP, Belt
16	1919326	4	WASHER, 3/8
17	1921971	2	CAPSCREW, Hex, 3/8-16 x 1-3/4
18	1922130	2	CAPSCREW, 3/8-16 X 2-1/4
19	1922611	1	WASHER, 3/8
20	1924940	3	WASHER, 5/16
21	1927557	8	NUT, Flange, Whizlock, 5/16-18
22	1931202	2	CAPSCREW, Taptite, 5/16-18 x 1-1/4
23	1931211	3	NUT, Hex, Whizlock, 3/8-16
24	1931333	6	CARRIAGE BOLT, 5/16-18 x 3/4
25	1960251	2	NUT, Jam Lock, 3/8-16

42" Mower - Height Adjusting & Roller

A-**1894



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

NOTE: Long end of hub mounts to bracket (both wheels).

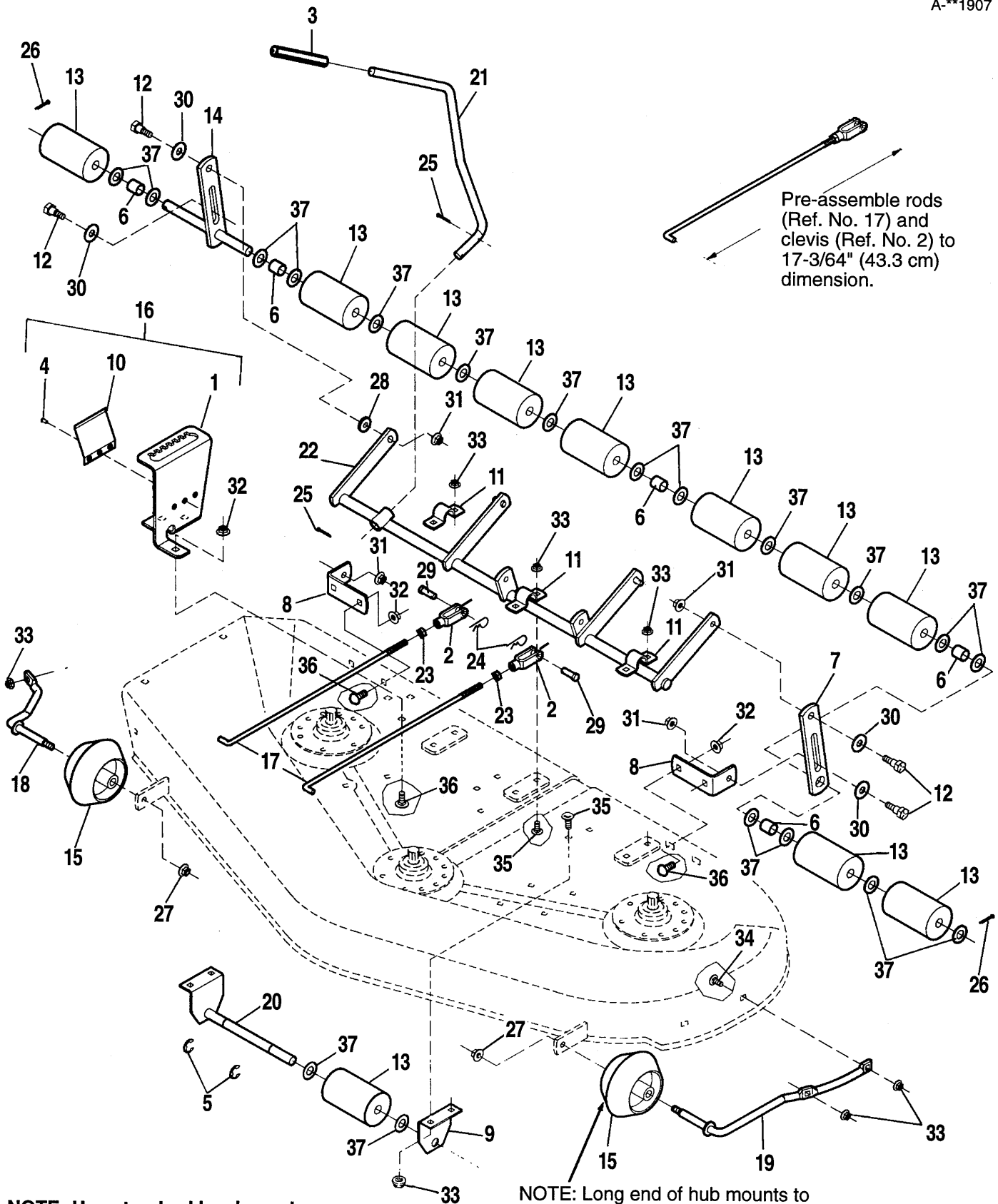
Mfg. Nos. 1691662, 1691665, 1692119

42" Mower - Height Adjusting & Roller

Ref. No.	Part No.	Qty.	Description
1		1	QUADRANT (See Ref. No. 15)
2	108157	2	CLEVIS, Adjusting
3	172622	4	BOLT, Shoulder, 3/8-16
4	176933	1	GRIP
5	910542	3	RIVET
6	927793	2	RING, Retaining
7	1602946	4	SPACER
8	1603263	1	BAR, Roller
9	1603264	1	BRACKET, Roller Support
10	1603269	1	BRACKET
11	1663222	1	SPRING
12	1665374	2	STRAP
13	1668513	9	ROLLER
14	1700184	2	WHEEL
15	1703034	1	QUADRANT ASSY. (Incl. Ref. Nos. 1, 5 & 11)
16	1703040	1	SHAFT ASSY, Roller
17	1703149	2	ROD, Adjusting
18	1703204	1	ROD ASSY., Roller, RH
19	1703206	1	ROD ASSY., Roller, LH
20	1703480	1	SHAFT ASSY.
21	1703532	1	LEVER, Control
22	1704870	1	ARM ASSY, Mower
23	1916950	2	NUT, Hex, 3/8-16
24	1918196	2	PIN, Quick
25	1918452	2	PIN, Cotter
26	1918458	1	PIN, Cotter
27	1919439	2	NUT, Hex, ESNA, Lock 3/8-16
28	1922755	1	WASHER, 3/8
29	1923087	2	PIN, Clevis
30	1924361	4	WASHER, 1/2
31	1928352	4	NUT, Whizlock, 3/8-16
32	1931211	5	NUT, Hex, Whizlock, 3/8-16
33	1931277	11	NUT, Hex, Whizlock, 5/16-18
34	1931332	2	CARRIAGE BOLT, 5/16-18 x 5/8
35	1931333	8	CARRIAGE BOLT, 5/16-18 x 3/4
36	1931348	5	CARRIAGE BOLT, 3/8-16 x 3/4
37	1960020	15	WASHER, 5/8

48" Mower - Height Adjusting & Roller

A-***1907

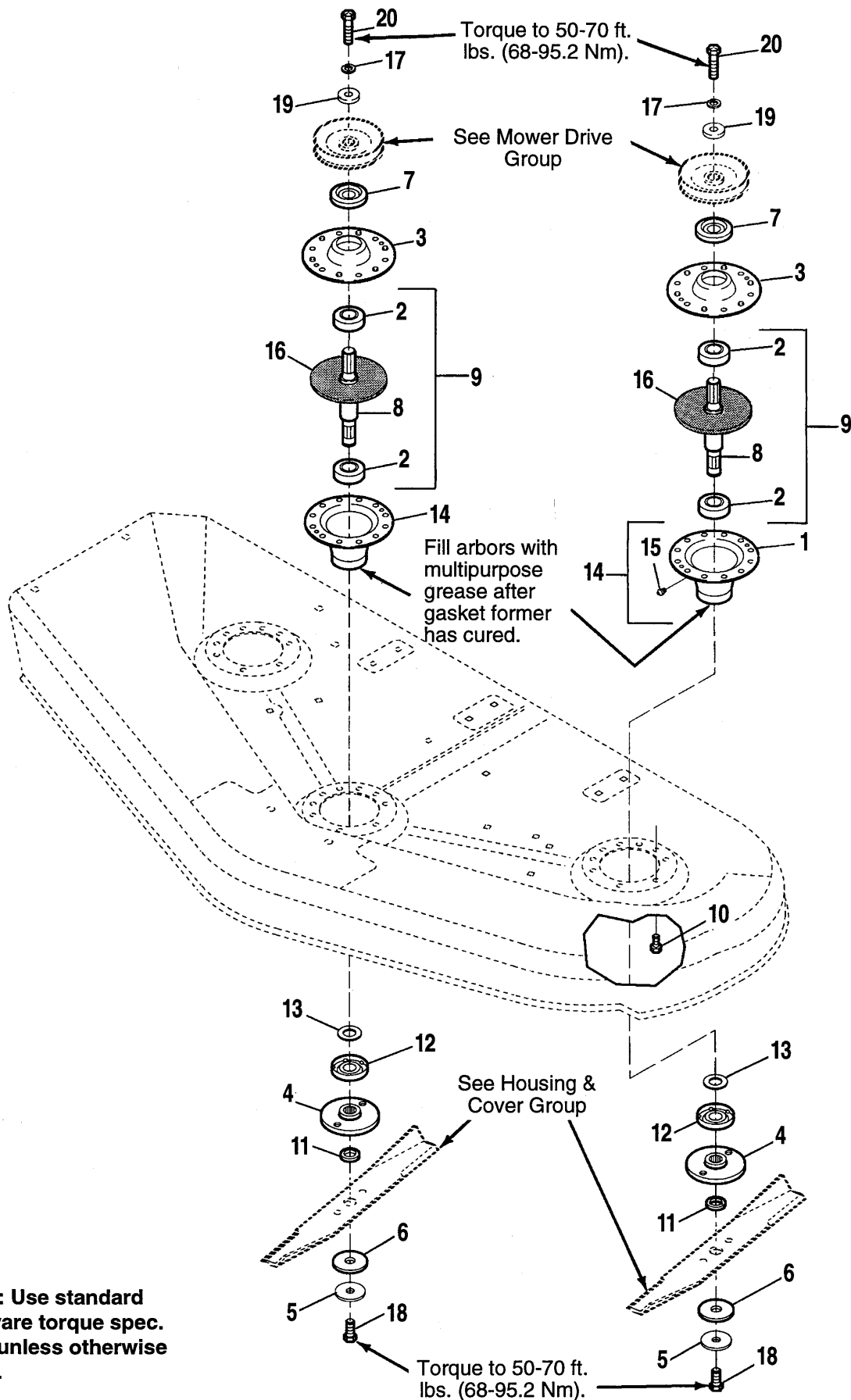


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Mfg. No. 1691663, 1691666, 1692120

48" Mower - Height Adjusting & Roller

Ref. No.	Part No.	Qty.	Description
1		1	QUADRANT (See Ref. No. 16)
2	108157	2	CLEVIS, Adjusting
3	176933	1	GRIP
4	910542	3	RIVET
5	927793	2	RETAINING RING
6	1602946	5	SPACER
7	1603263	1	BAR, Roller
8	1603264	2	BRACKET, Roller Support
9	1603269	1	BRACKET
10	1663222	1	SPRING
11	1665374	3	STRAP
12	1665693	4	BOLT, Shoulder, 3/8-16
13	1668513	11	ROLLER
14	1668716	1	SHAFT ASSY., Roller
15	1700184	2	WHEEL
16	1703034	1	QUADRANT ASSY, (Incl. Ref. Nos. 1, 4 & 10)
17	1703149	2	ROD, Adjusting
18	1703204	1	ROD ASSY, Roller, RH
19	1703206	1	ROD ASSY, Roller, LH
20	1703480	1	SHAFT ASSY.
21	1703532	1	LEVER, Control
22	1704870	1	ARM ASSY, Mower
23	1916950	2	NUT, Hex, 3/8-16
24	1918196	2	PIN, Quick
25	1918452	2	PIN, Cotter, 1/8 x 1
26	1918458	2	PIN, Cotter
27	1919439	2	NUT, Hex, ESNA, Lock, 3/8-16
28	1922755	1	WASHER, 3/8
29	1923087	2	PIN, Clevis
30	1924361	4	WASHER, 1/2
31	1928352	4	NUT, Whizlock, 3/8-16
32	1931211	6	NUT, Hex, Whizlock, 3/8-16
33	1931277	13	NUT, Hex, Whizlock, 5/16-18
34	1931332	2	CARRIAGE BOLT, 5/16-18 x 5/8
35	1931333	10	CARRIAGE BOLT, 5/16-18 x 3/4
36	1931348	6	CARRIAGE BOLT, 3/8-16 x 3/4
37	1960020	19	WASHER, 5/8

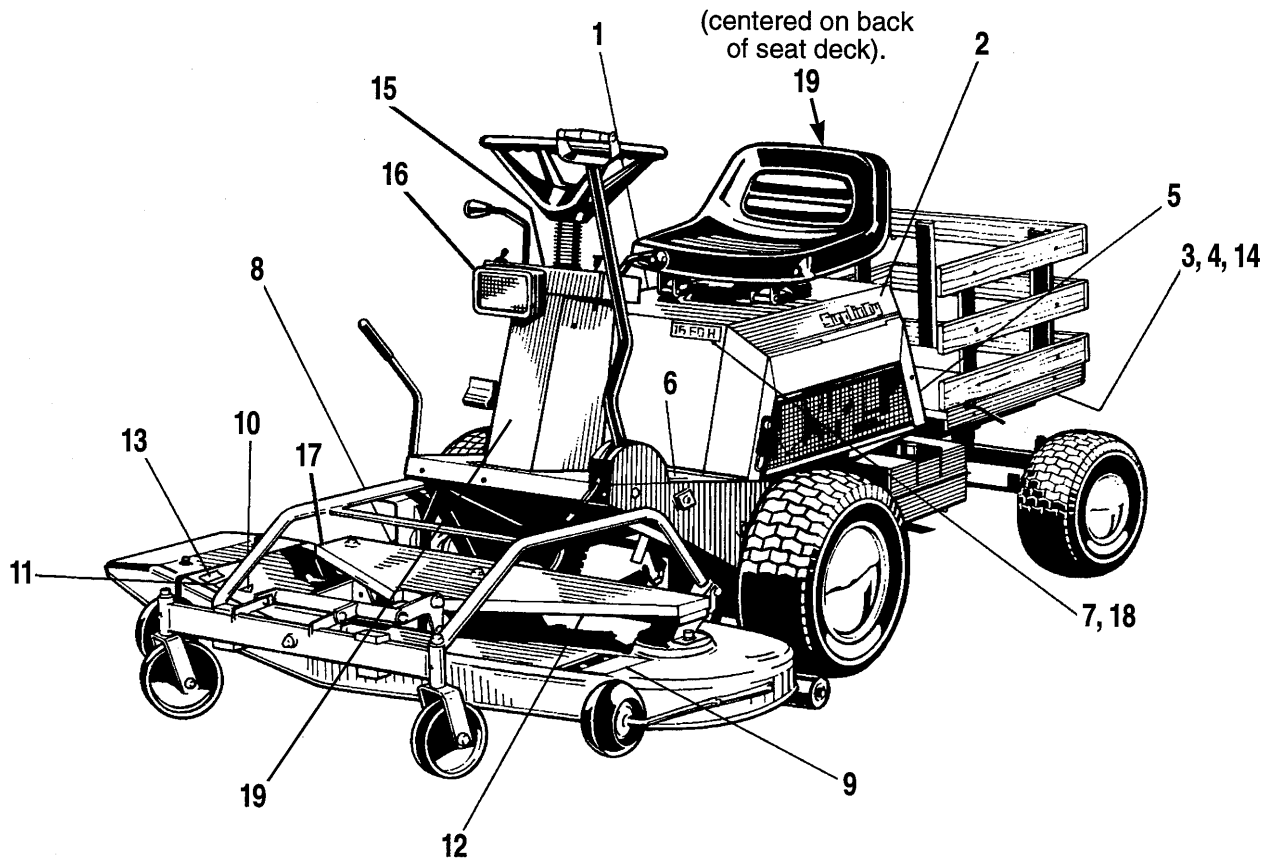


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

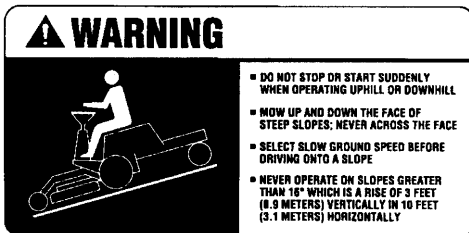
Mfg. Nos. 1691662, 1691663, 1691665, 1691666, 1692119, 1692120

42" & 48" Mower - Arbors

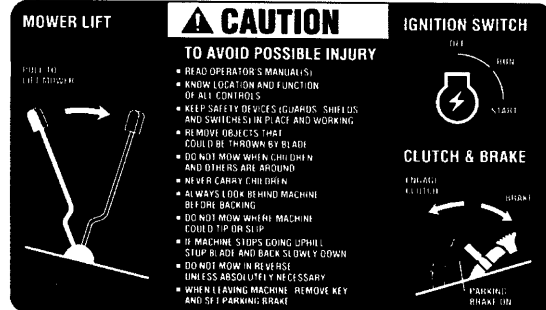
Ref. No.	Part No.	Qty.	Description
1		3	HOUSING, Bottom (See Ref. No. 14)
2	108202	6	BEARING ASSY.
3	1655729	3	HOUSING, Top
4	1655777	3	ADAPTOR, Blade
5	1656916	3	WASHER, Spring
6	1656927	3	WASHER, Spine
7	1657979	3	SHIELD, Bearing, Upper
8	1685245	3	SHAFT, Arbor
9	1685251	3	SHAFT & BEARING ASSY. (Incl. Ref. Nos. 2 & 8)
10	1664847	14	SCREW, Taptite, 5/16-18 x 3/4
11	1672132	3	COLLAR, Mower Arbor
12	1700229	3	SHIELD, Grass
13	1700230	3	WASHER, Shim
14	1703273	3	HOUSING ASSY., Arbor Bottom (Incl. Ref. Nos. 1-15)
15	1704314	3	FITTING, Grease
16	1707335	3	GASKET, Foam
17	1918199	3	LOCKWASHER, 7/16
18	1923431	3	CAPSCREW, Hex, 7/16-14 x 1
19	1933263	3	WASHER, 7/16
20	1936723	3	CAPSCREW, Hex, 7/16-14 x 1-3/4



SAFETY DECALS



Ref. No. 4



Ref. No. 6



Ref. No. 9



Ref. No. 11

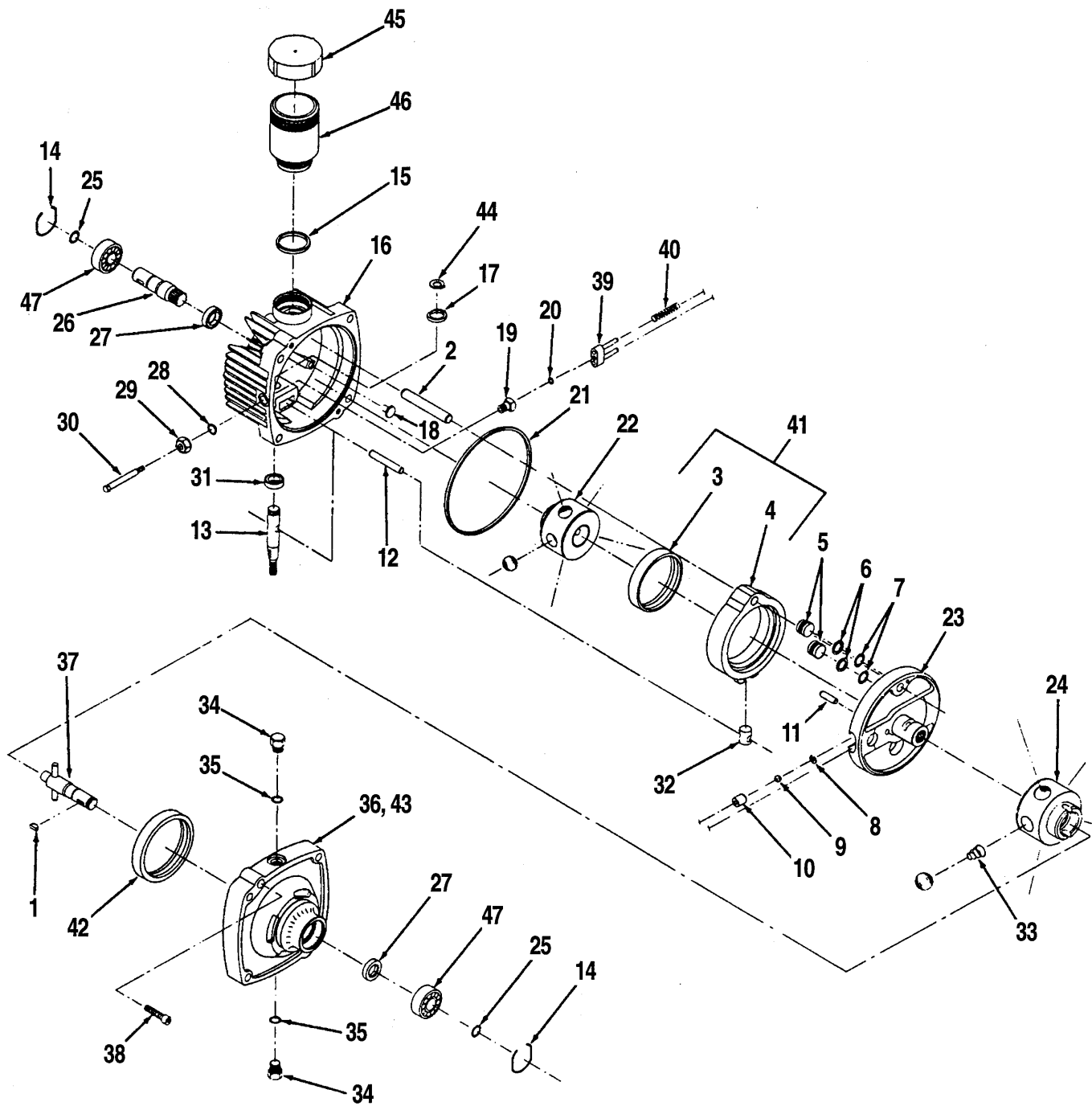
NO RIDERS

Not Shown

All Models

Decals

Ref. No.	Part No.	Qty.	Description
1	1708624	1	DECAL, Side, LH, 16 (Simplicity)
1	1708627	1	DECAL, Side, LH, 12.5 (Simplicity)
1	1708838	1	DECAL, Side, LH, 16 (AGCO)
1	1708843	1	DECAL, Side, LH, 12.5 (AGCO)
1	1713987	1	DECAL, Side, LH, 16 (Export)
1	1714421	1	DECAL, Side, LH, 16 (Massey Ferguson)
2	1708625	1	DECAL, Side, RH, 16 (Simplicity)
2	1708626	1	DECAL, Side, RH, 12.5 (Simplicity)
2	1708839	1	DECAL, Side, RH, 16 (AGCO)
2	1708844	1	DECAL, Side, RH, 12.5 (AGCO)
2	1713986	1	DECAL, Side, RH, 16 (Export)
2	1714420	1	DECAL, Side, RH, 16 (Massey Ferguson)
3	1709063	1	DECAL, Drive Belts
4	1704480	1	DECAL, Stability
5		1	TRACTOR I.D. PLATE (Not Serviced)
6	1708286	1	DECAL, Caution & Controls
7	1704187	1	DECAL, 12 FCH
8		1	MOWER I.D. PLATE (Not serviced)
9	1704276	1	DECAL, Danger
10		1	DECAL, OPEI (Not serviced)
11	1704277	1	DECAL, Danger
12	1709070	1	DECAL, Belt Layout (Under cover)
13	1704383	1	DECAL, 42"
13	1704384	1	DECAL, 48"
14	1709061	1	DECAL, Paint
15	1703995	1	DECAL, Instrument Panel
16	1703996	1	DECAL, Oil Pressure (12.5 HP & 16 HP)
17	1656855	1	DECAL, Mower Height
18	1713972	2	DECAL, Hydro 16 V-Twin (Export)
19	1714363	2	DECAL, Massey Ferguson
Not Shown			
*	1677235	1	DECAL, Deutz-Allis (Located on back of seat)
*	1700805	1	DECAL, "No Riders" (Located on rear, upper right hand corner of seat deck.)
*	1704337	1	DECAL, Model Number, 16 (Deutz only)
*	1704807	1	DECAL, Oil Light (12 HP)
*	1707282	1	DECAL, (Deutz only, located front of seat deck)



All Models

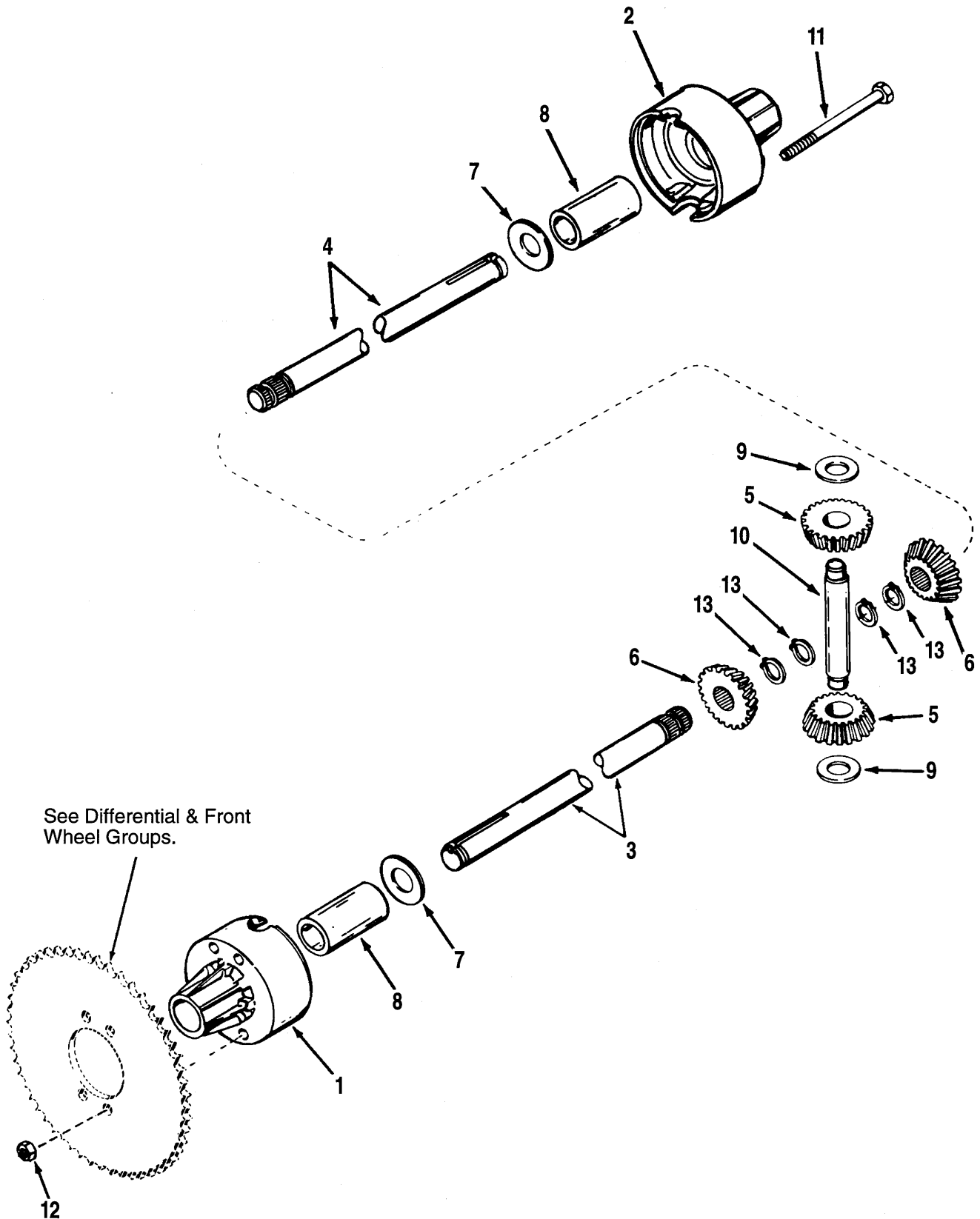
Hydro Pump Service Parts

Ref. No.	Part No.	Qty.	Description
1		1	KEY, Woodruff (See Page 16, Ref. No. 3)
2	*	1	DOWEL, Pivot Pin (Incl. in Ref. No. 16)
3	*	1	PUMP RACE (Incl. in Ref. No. 41)
4	*	1	RING, Cam (Incl. in Ref. No. 41)
5	*	2	PISTON (Incl. in Ref. No. 23)
6	*	2	RING, Back-Up (Incl. in Ref. No. 23)
7	*	2	O-RING (Included in Ref. No. 23)
8	*	2	RING, Retaining (Incl. in Ref. No. 23)
9	*	2	BALL, Grade 200, 5/16 Dia. (Incl. in Ref. No. 23)
10	*	2	VALVE BODY, Check (Incl. in Ref. No. 23)
11	*	1	PIN, Coil (5/16 x 3/4) (Incl. in Ref. No. 23)
12	*	1	DOWEL (3/8 x 1-3/4) (Incl. in Ref. No. 16)
13	*	1	SHAFT, Control (Incl. in Ref. No. 16)
14	927695	2	RING, Retaining
15	1671282**	1	SEAL RING, Square Cut
16	1671283	1	COVER, Service Kit (Incl. Ref. Nos. 12, 13, 17, 27, 31 & 44)
17	1671284	1	WASHER, Control Shaft
18	1671285	1	BUTTON
19	1671286	1	FITTING GUIDE, O-Ring, S.A.
20	1671287**	1	O-RING
21	1671288**	1	SEAL RING, Square Cut
22	1671289	1	PUMP ROTOR, Ball, Sub-Assy.
23	1671290	1	PINTLE, Sub-Assy. (Incl. Ref. Nos. 5, 6, 7, 8, 9, 10 & 11)
24	1671291	1	MOTOR ROTOR, Ball, Sub-Assy. (Incl. Qty. 5 of Ref. No. 33)
25	1671293	2	RING, Snap
26	1671295	1	SHAFT, Input
27	1671296**	2	SEAL, Oil
28	1671297**	1	O-RING
29	1671298	1	NUT, Gasket, Sub-Assy.
30	1671299	1	SHAFT, Dump Valve
31	1671300	1	SEAL, Oil
32	1671301	1	CAM RING, Insert
33	1671302	5	SPRING, Piston
34	1671303	2	O-RING, Sub Assy.
35	1671304**	2	TUBE FITTING, O-Ring
36	1671305	1	BODY
37	1671309	1	OUTPUT SHAFT, Sub-Assy.
38	1671310	2	CAPSCREW, Socket Hd.
39	1671586	1	BRACKET, Pins, Sub-Assy.
40	1671587	2	SPRING, Valve
41	1671588	1	CAM RING, Sub-Assy. (Incl. Ref. Nos. 3 & 4)
42	1671589	1	MOTOR RACE
43	1671590	1	BODY, Sub-Assy. (Incl. Ref. Nos. 14, 25, 27, 36, 37, 42 & 47)
44	1671591	1	RING, External Retaining
45	1700049	1	RESERVOIR COVER, Sub-Assy.
46	1700050	1	RESERVOIR BODY, Sub-Assy. (Incl. Ref. Nos. 3 & 4)
47	1705897	2	BEARING, Ball (Input)

* Not serviced separately.

** Available in Replacement Seal Kit, part no. 1685260.

NOTE: Use Simplicity Multi-Purpose Hydraulic/Transmission Oil in hydro transmission.



All Models

Differential Service Parts - Peerless Model 100-080

Ref. No.	Part No.	Qty.	Description
1	774344	1	HOUSING, Differential Carrier (Incl. Ref. No. 8)
2	774345	1	HOUSING, Differential Carrier (Incl. Ref. No. 8)
3	774979	1	AXLE, 20-3/16" Long
4	774980	1	AXLE, 8-1/32" Long
5	778068	2	GEAR, Pinion, 16 Tooth
6	778221	2	GEAR, Bevel, 16 Tooth
7	780001	2	WASHER
8	780077	2	BUSHING
9	780096	2	WASHER, Thrust
10	786040	1	PIN, Drive
11	792041	4	SCREW, Hex, Flanged Hd., 5/16-18 x 3-15/16
12	792042	4	NUT, Lock, 5/16-18
13	792125	4	RING, Snap (Pkg. of 2)

NOTE: See your local Tecumseh/Peerless distributor for service parts. Service, warranty and parts for Peerless products are not available through Simplicity.

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


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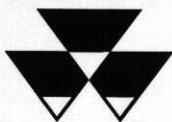
**TORQUE SPECIFICATIONS FOR
STANDARD MACHINE HARDWARE**
(Tolerance $\pm 20\%$)

SIZE	SAE GRADE #2 		SAE GRADE #5 		SAE GRADE #8 	
	<u>in/lbs</u> ft/lbs	Nm.	<u>in/lbs</u> ft/lbs	Nm.	<u>in/lbs</u> ft/lbs	Nm.
8-32	19	2.1	30	3.4	41	4.6
8-36	20	2.3	31	3.5	43	4.9
10-24	27	3.1	43	4.9	60	6.8
10-32	31	3.5	<u>49</u>	5.5	<u>68</u>	7.7
1/4-20	66	7.6	8	10.9	12	16.3
1/4-28	<u>76</u>	8.6	10	13.6	14	19.0
5/16-18	11	15.0	17	23.1	25	34.0
5/16-24	12	16.3	19	25.8	27	34.0
3/8-16	20	27.2	30	40.8	45	61.2
3/8-24	23	31.3	35	47.6	50	68.0
7/16-14	30	40.8	50	68.0	70	95.2
7/16-20	35	47.6	55	74.8	80	108.8
1/2-13	50	68.0	75	102.0	110	149.6
1/2-20	55	74.8	90	122.4	120	163.2
9/16-12	65	88.4	110	149.6	150	204.0
9/16-18	75	102.0	120	163.2	170	231.2
5/8-11	90	122.4	150	204.0	220	299.2
5/8-18	100	136	180	244.8	240	326.4
3/4-10	160	217.6	260	353.6	386	525
3/4-16	180	244.8	300	408.0	420	571.2
7/8-9	140	190.4	400	544.0	600	816.0
7/8-14	155	210.8	440	598.4	660	897.6
1-8	220	299.2	580	788.8	900	1,244.0
1-12	240	326.4	640	870.4	1,000	1,360.0

NOTES

1. These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
2. Recommended seating torque values for locknuts:
 - a. for prevailing torque locknuts - use 65% of grade 5 torques.
 - b. for flange whizlock nuts and screws - use 135% of grade 5 torques.
3. Unless otherwise noted on assembly drawings, all torque values must meet this specification.





MASSEY FERGUSON
LAWN & GARDEN EQUIPMENT

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